APPLICO LTD

SERVICE AGENT PRESENTATION 2010

smeg technology with style

Baumatic

Classique

HomeKing

HALF OVENS

Microwave combi ovens – most popular models sold

S45MCX2 – CLASSIC SERIES

SC45MCX2 – LINEA SERIES

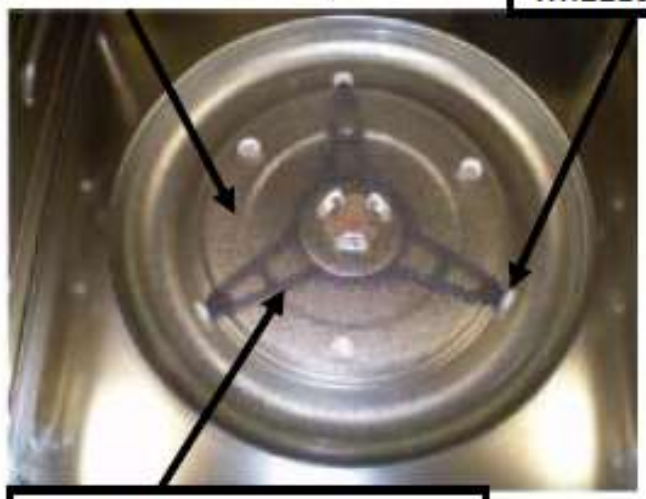
Document N.	FRN-SB2008-02-new flat support for SC45 ovens…
Brand	Smeg
Models concerned	SC45…
Cause	The flat chrome support (P/N 788413356) flakes off, causing sparks that could damage the oven cavity.
Description of modification	A new flat, black varnished support is introduced.
Date of introduction	01/02/2008
Interchangeability	**Yes** **N.B. Component part number does not change (P/N 788413356) since the spares warehouse expects upgraded parts.**

OLD CONFIGURATION	**NEW CONFIGURATION**

Document N.	FRN-SB2008-04- turntable instability_S45_SC45
Brand	Smeg
Models concerned	S45MCX,S45MCX1,S45MX,SC45M,SC45MC,SC45MC1,SC45MCSG, SC45MCSG1,SC45MSG
Cause	Turntable instability
Description of modification	A new turntable support is introduced, with a different configuration, a new turntable and new wheels are hence introduced.
Date of introduction	7 April 2008
Interchangeability	**Yes- the new configuration can be applied to appliances built prior to modification, mounting the following:** **- new turntable support** **- new turntable** **- new wheels** **(please refer to the table at the end of this document for the relevant part numbers)**

A new turntable support is introduced, with an entirely different configuration, the following are hence introduced: a new turntable with a diameter modified from 318mm to 320mm and the associated wheels.

This new configuration improves wheel positioning, turntable support centering, giving the turntable greater stability.

OLD CONFIGURATION	NEW CONFIGURATION
	

OLD P/Ns	NEW P/Ns
TURNTABLE SUPPORT P/N 788413356	TURNTABLE SUPPORT P/N 788413733
WHEELS P/N 787410188	WHEELS P/N 787410209
TURNTABLE P/N 770370426	TURNTABLE P/N 775651333

Document N.	FRN-SB2008-05-modification of micro cam and inner door hooks_S45_SC45 ovens
Brand	Smeg
Models concerned	S45…/SC45…
Cause	Irregular operation of the appliance during normal use owing to instable operation of door microswitch.
Description of modification	- microswitch V cam thickness increased - inner door hooks thickness increased
Date of introduction	December 2007
Interchangeability	**YES- Kit P/N 994490830 was created for *Service* (it includes: right and left microswitches, corresponding support, cams and inner door with new configuration** **N.B.:** *the individual components handled by the spares warehouse maintain the same P/N since the stock foresees upgraded parts.*

If the cam is in the safety position, owing to reduced interaction between hook and cam, there will be a fast movement that will cause incorrect positioning of the hook spring; this will cause instable microswitch operation which may generate irregular oven operation during normal use (for e.g. When you turn the oven ON, cooking does not start; or cooking stops during the normal operating cycle).

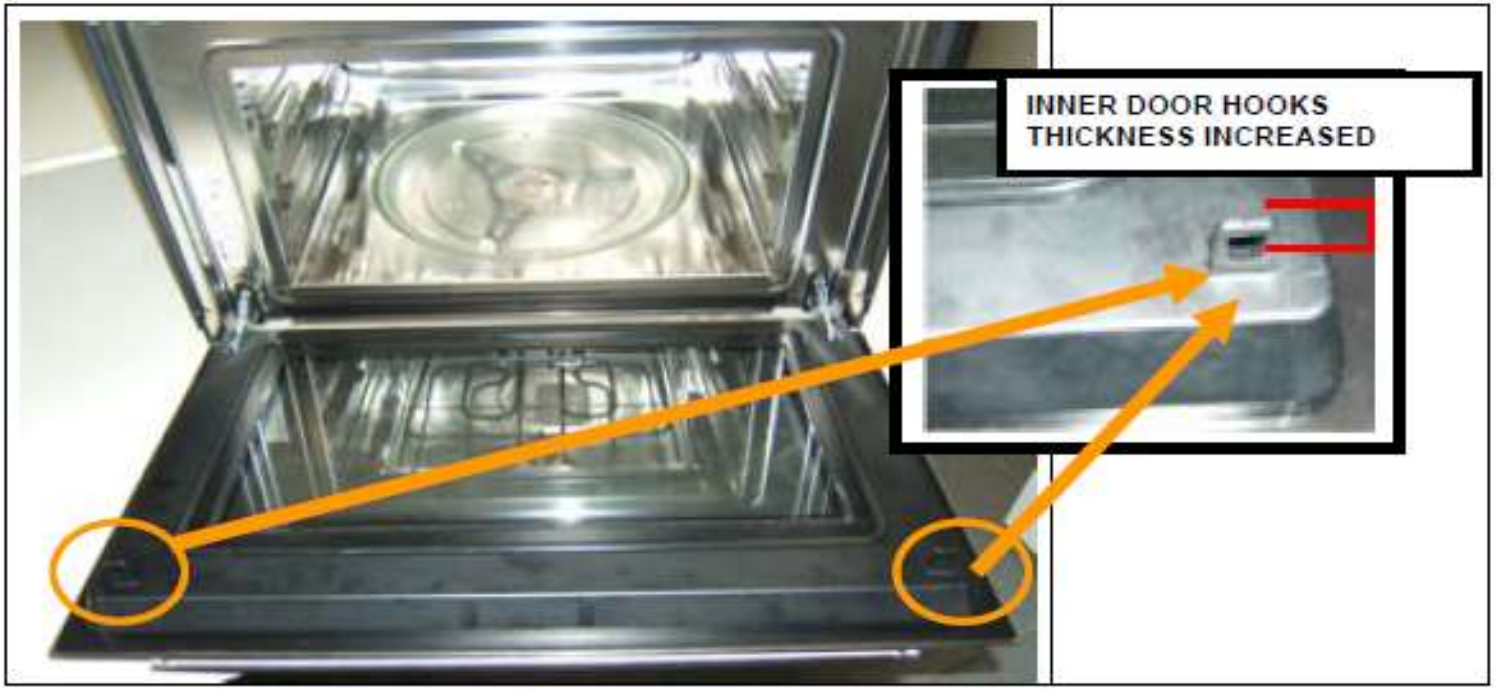
The following improvements have therefore been implemented in order to ensure stable microswitch operation and guarantee correct contact between microswitch cam-hook during door opening/closure operations.

→ Microswitch V cam thickness increased

DETAIL OF CORRECT POSITIONING OF MICRO CAM LEVER

The modification of the micro cam improves cam lever positioning, which remains aligned with the oven front slot (visible with the door open).

→ increase in thickness of the two cooks on either end of the inner door



Kit P/N 994490830 was created **for Service, to be assembled on appliances built prior to** modification, it includes the following components:

- right gr. microswitch (including support, microswitch, cam)
- left gr. microswitch (including support, microswitch, cam)
- inner door with new configuration hooks

Document N.	FRN-SB2010-02-oven switching off _ SC45
Brand	Smeg
Models concerned	*45cm compact ovens (microwaves- -combi/microwaves) -2 series*
Cause	The oven suddenly switches off during a cooking, whichever the program set.
Description of modification	Follow the instructions included into the document.
Date of introduction	➢ ***SC45MC2; SC45MCNE2:*** *appliances produced from 6th April 2009 to 4th November 2009.* ➢ ***SC45M2; SC45MNE2:*** *appliances produced from 20th March 2009 to 29th July 2009.*
Interchangeability	**YES**- the electronic board part number doesn't change as the spare part stock foresees the updated components. *Refer to the related spare part catalogues for the component identification.*

ANOMALY: The oven suddenly switches off during a cooking, whichever the program set.

The electronic board is equipped with a thermic protection which cuts the oven electric supply if an overheating of the components fixed on the control zone occurs. This can be caused by particular conditions e.g: long or subsequent cookings.

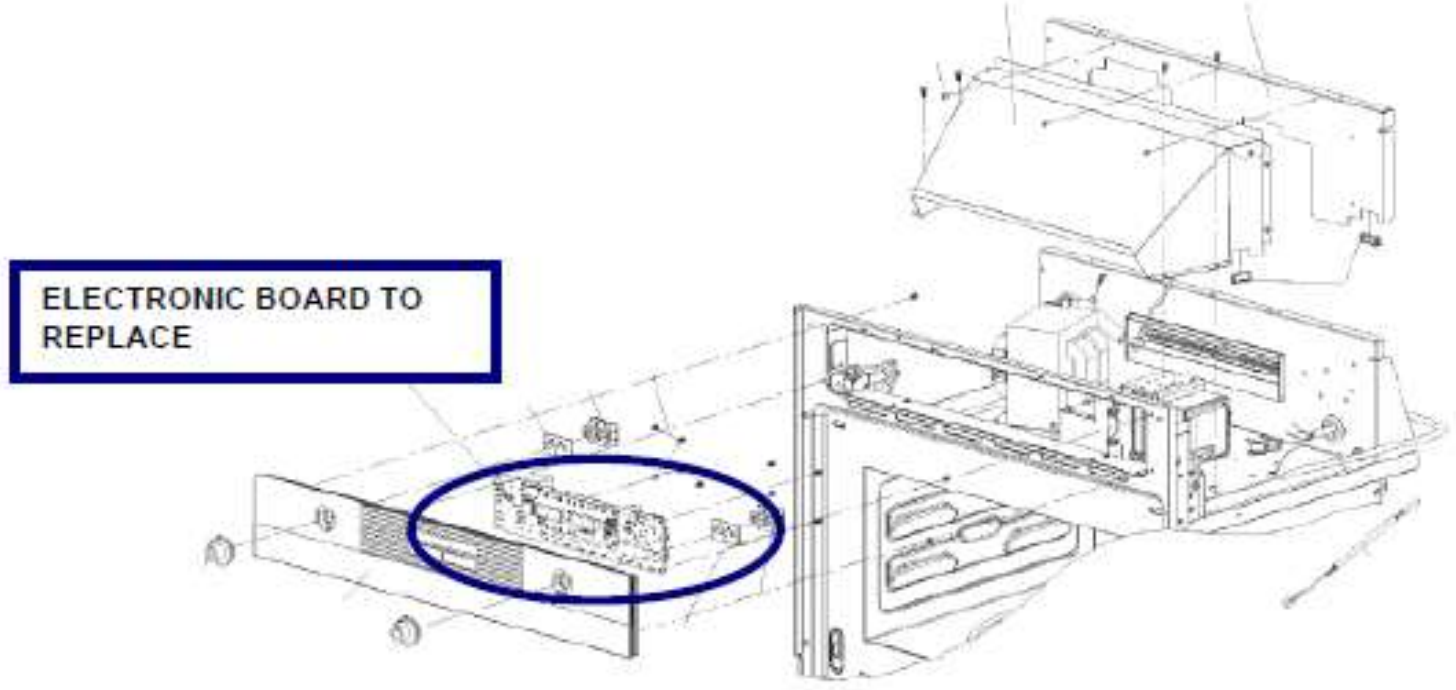
Therefore proceed as following:

1) ***verify that the oven fan motor properly works***

2) verify that the inner air ducts are properly positioned

THE AIR DUCT MUST BE CLOSED TO THE FRONT PANEL (AS POINTED OUT). THIS AVOIDS THAT THE AIR DIRECTLY FLOWS ON THE ELECTRONIC BOARD

3) replace the electronic board with a new spare part component (the thermic protection management *has been modified) .Refer to the related spare part catalogues for the component identification*

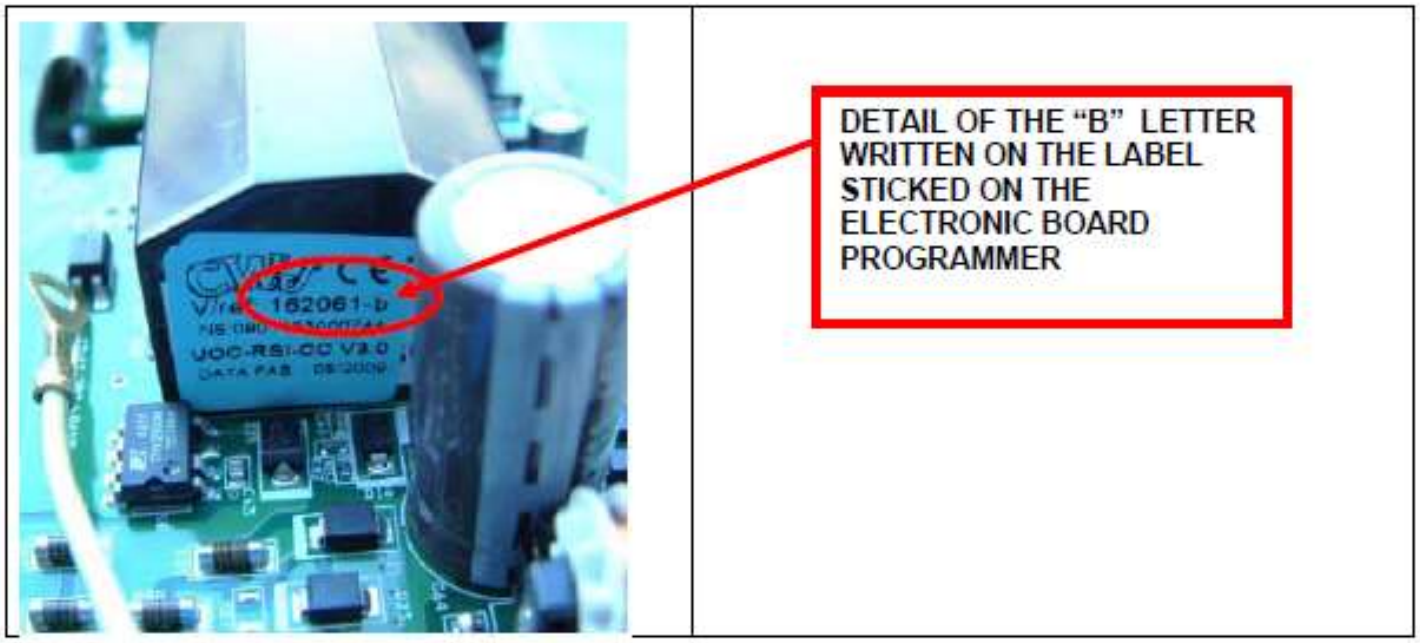


The anomaly occurs particularly for the appliances produced as following described:

SC45MC2; SC45MCNE2: appliances produced from 6th April 2009 to 4th November 2009.

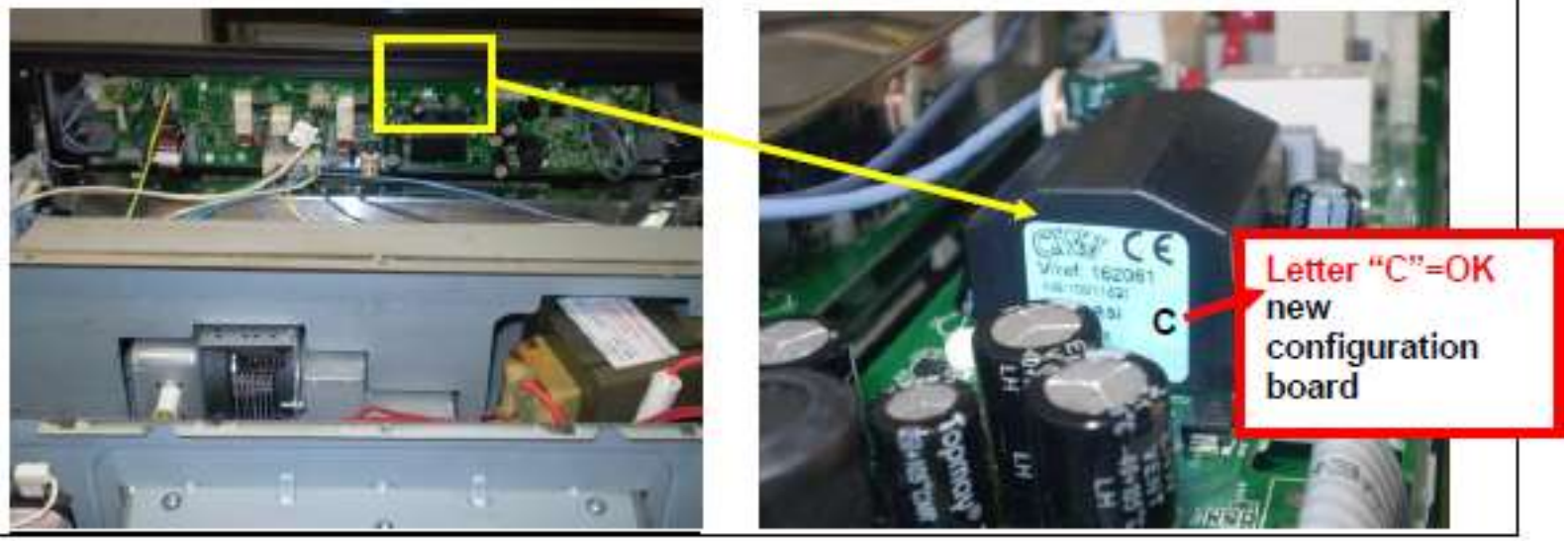
SC45M2; SC45MNE2: appliances produced from 20th March 2009 to 29th July 2009.

The upon mentioned apliances can be identified by the “**B” letter written on the label sticked on the** electronic board programmer.



The new electronic board can be identified by the “C” letter written on the label sticked on the electronic board programmer.

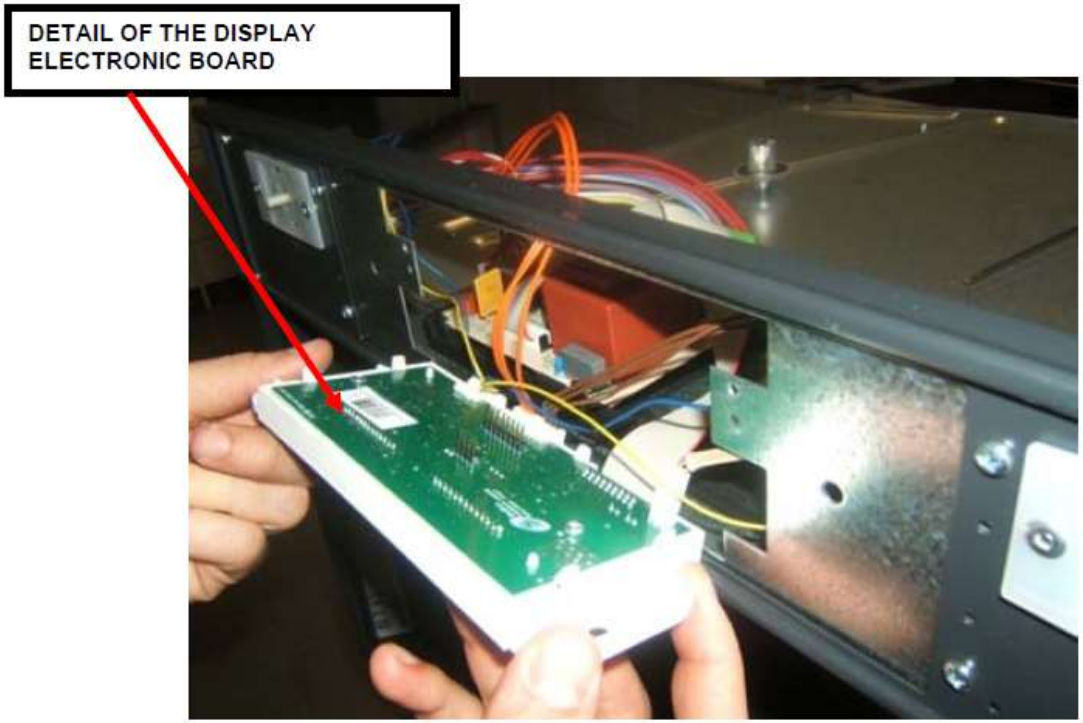
DETAIL OF THE LABEL STICKED ON THE BOARD PROGRAMMER



To sum up, how to identify the new configuration electronic board:

	How proceed
“A” LETTER ON THE BOARD PROGRAMMER LABEL	DON’T REPLACE the electronic board (original electronic board)
“B” LETTER ON THE BOARD PROGRAMMER LABEL	REPLACE the electronic board with a new spare part component
“C” LETTER ON THE BOARD PROGRAMMER LABEL	DON’T REPLACE the electronic board NEW CONFIGURATION ELECTRONIC BOARD

Document no.	FRN-SB2009-04-display board flashing
Brand	Smeg
Models affected	***SC45MF2, SC45MFNE2***
Reason	the display flashes and displays lit/unlit symbols intermittently.
Modification description	The software of the display electronic board has been updated.
Date of introduction	SC45MF2: From 17 March 2009 SC45MFNE2: from 20 March 2009
Interchangeability	**Yes-** *the code of the board remains unchanged (code 811651002) since the spare part warehouse provides the updated components.*



WALL OVENS

FP610AN MARC NEWSON RANGE

SAP112-8 LINEA SERIES

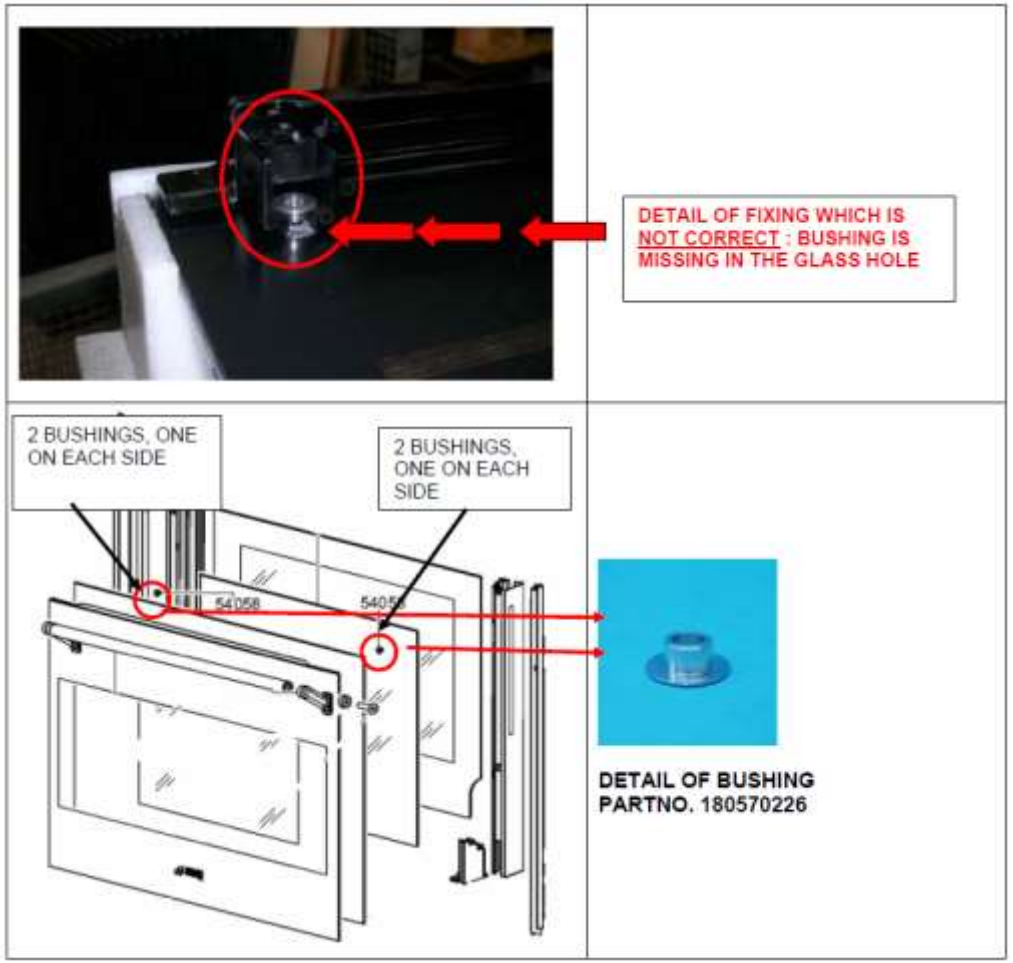
SAC399X CLASSIC SERIES

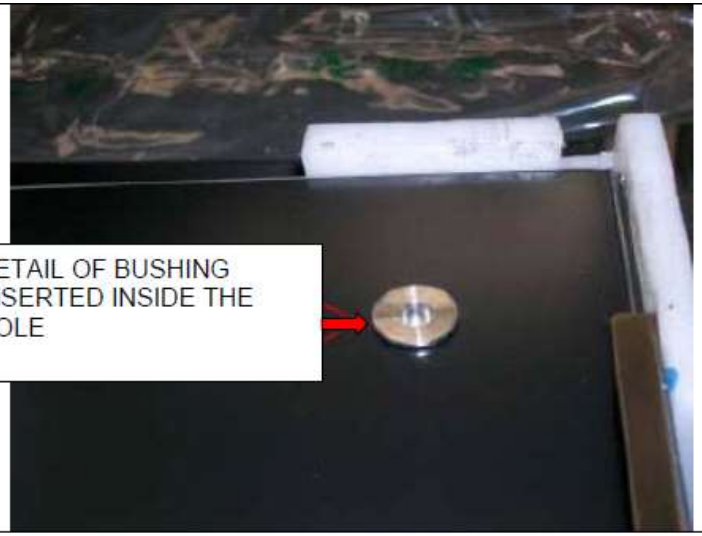
CHECK WHEN REPLACING THE INNER DOOR GLASS

When replacing the inner door glass, make sure you measure the resistance of the glass around 25 ohms to 32 ohms toward the oven. If this is not checked correctly, the glass will explode when high temperatures are used. The other side of the glass does not have any resistance.

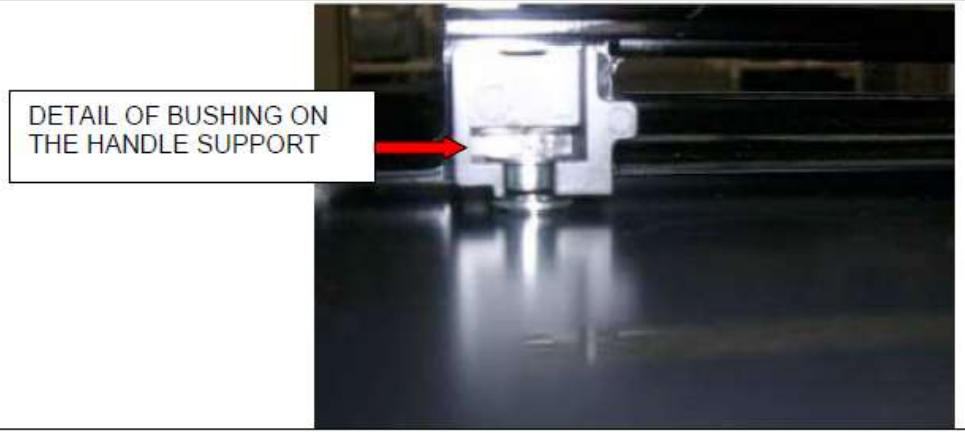
OUTER DOOR GLASS BREAKAGES

In case the outer door glass is breaking, due to some shocks on the door handle or after closing the oven door with excessive force, it is necessary to check whether **all 4 bushings fixing** the door handle to the glass are present as shown in the following pictures:


DETAIL OF FIXING WHICH IS NOT CORRECT : BUSHING IS MISSING IN THE GLASS HOLE
2 BUSHINGS, ONE ON EACH SIDE
2 BUSHINGS, ONE ON EACH SIDE
DETAIL OF BUSHING
PARTNO. 180570226



DETAIL OF INNER SIDE OF OUTER DOOR GLASS



DETAIL OF INNER SIDE OF OUTER DOOR GLASS

Attention: in case of a technical repair on the outer door glass or on a door component, be careful to properly position the 4 bushings as described.

VERSION	00	First Version
	01	Second version: application of the modification to the SCP series

Document N	FRN-SB2008-03- pyro ovens inner glass
Brand	Smeg
Models concerned	FP , SCP Series 60cm Ovens *(refer to the part numbers mentioned in the document)*
Cause	Door inner glass breakage
Description of modification	The modification of internal glass consists in the progressive elimination of the screen printing in order to reduce the tensions which generate on the glass during the pyrolysis function.
Date of introduction	1° MODIFICATION FP SERIES OVENS: **starting from 06/11/2007** SCP SERIES OVENS: **starting from 26/10/2007** Inner glass replacement for the change from complete screen printing to dotted screen printing. 2° MODIFICATION FP SERIES OVENS: **starting from 28/03/2008** dotted internal glass is replaced with new glass *with screen printing entirely eliminated* FORNI SERIE SCP E FP132../FP131../FPM68X→ new door introduction *(For further details refer to the document : FRN-SB2008-10- introduction of a new oven door_ SCP_SC_FP)*
Interchangeability	Yes- following the instructions below.

Change in screen printing has evolved as follows:

1st modification → internal glass replaced owing to change from *complete screen printing to dotted screen printing.*

2nd modification →dotted internal glass is replaced with new glass *with screen printing entirely eliminated*

This also includes the introduction of black hinges + rubber screw covers for aesthetical reasons.

1st modification→ internal glass replaced owing to change from *complete screen printing to dotted screen printing.*

INTRODUCTION DATE	MODELS
Starting from 26/10/2007	Serie SCP…
Starting from 09/11/2007	FP132…/FP131…/FPM68X…/SCP160X
Starting from 06/11/2007	FP…series

COMPLETE SCREEN PRINTING		DOTTED SCREEN PRINTING	
FP…models	p/n 772531653	FP…models	p/n 772532007
SCA112XP, SCP107AL, SCP108, SCP108EB, SCP108NE, SCP108SG, SCP111, SCP111-1, SCP111EB, SCP111NE, SCP111NE-1, SCP111PZ, SCP111SG, SCP112, SCP112EB, SCP112NE, SCP112PZ, SCP112SG	p/n 772531752	SCA112XP, SCP107AL, SCP108, SCP108EB, SCP108NE, SCP108SG, SCP111, SCP111-1, SCP111EB, SCP111NE, SCP111NE-1, SCP111PZ, SCP111SG, SCP112, SCP112EB, SCP112NE, SCP112PZ, SCP112SG	p/n 772532008
SCP160X/FP131…/FP132…/ FPM68X…	p/n 772531853	SCP160X/FP131…/FP132…/ FPM68X…	p/n 772532009
		N.B. THESE COMPONENTS ARE OUT OF STOCK AS THE ACTIVE PART NUMBERS ARE THE FOLLOWINGS.	

2nd modification→ dotted internal glass is replaced with new glass *with screen printing entirely eliminated*
This also includes the introduction of black hinges + rubber screw covers for aesthetical reasons.

INTRODUCTION DATE	MODELS
Starting from 28/03/2008	FP…ovens

----------	SCP…ovens : introduction of a new door with model change , index -2
Starting from 01/04/2008	FP132…/FP131…/FPM68X…/SCP160X: iintroduction of a new door with modification , for the related p/n refer to the exploded views.
For further details refer to the document : FRN-SB2008-10- introduction of a new oven door_ SCP_SC_FP	

GLASS WITH DOTTED SCREEN PRINTING

P/N 772532007

COMPLETELY NEUTRAL GLASS

P/N 772532041

OLD HINGE P/N 931331090	NEW HINGE + SCREW COVER P/N 931331222 + P/N758452179

INTERCHANGEABILITY: for models produced before 28/03/2008 the new glass must be assembled (P/N 772532041) + new hinge (P/N 931331222 * 2pz) + screw cover (P/N 758452179 * 2pc).

CORRECT POSITIONING OF INTERNAL GLASS

N.B: ***The caption "LOW – E " on the internal glass indicates the surface with termovit treatment therefore, for proper assembly, check that this caption is legible with the door open***

Document N.	FRN-SB2009-01-modification of the outer door glass
Brand	Smeg
Models concerned	All models equipped with inner door p/n: 352050798, 482050859, 482050860. ***N.B. refer to the exploded views to identify the involved models.***
Cause	The opened door interferes with the lower area of the furniture
Description of modification	The outer door glass height has been reduced by 2mm and the fixing points have been moved on the inner door. The 2 spacers p/n 062810805 have been eliminated.
Date of introduction	Starting from December 2008 ***N.B. refer to the exploded views to identify the models, the precise date of introduction and the correct part numbers.***
Interchangeability	**YES – following the instructions hereafter.**

➢NEW CONFIGURATION

Owing to the upon mentioned improvements, the following modificaitons have been put into practice:
- outer door glass height has been reduced by 2mm
-modification of the outer door glass fixing points which have been moved on the inner door

The appliances produced after the modification are equipped with the new inner door and new outer door glass to avoid the possible interference between door and furniture.

N.B refer to the exploded views to identify the models, the precise date of introduction and the correct part numbers.

➢ OLD CONFIGURATION

For appliances produced before the modification, it is possible to fit the new outer door glass on the original inner door using the proper stirrups:

P/N 068251052 LEFT GLASS SUPPORTING STIRRUP	P/N 068251051 RIGHT GLASS SUPPORTING STIRRUP

Hereafter the Inner door part numbers where to fit the new outer door glass + 2 stirrups :

352050798	INNER DOOR SM MR SC381X
482050859	INNER DOOR SM GS SC399X
482050860	INNER DOOR SM GS PIRO

N.B. refer to the exploded views to identify the models, the precise date of introduction and the correct part numbers.

INSTALLATION OF THE NEW OUTER DOOR GLASS+ STIRRUPS ON THE OLD INNER DOOR

The following sequence shows the procedure on a right hinge. Repeat the same procedure for the left hinge.

1. Remove the inner and middle glass/es and unscrew the lower screw fixing the hinge.

2. Remove the second screw fixing the hinge below the inner glass.

3. Slightly slide the hinge to fit the stirrup between the the hinge and the inner door.
p/n 068251051 right side

4. Screw the hinge + stirrup on the inner door.

5. Screw the second fixing point of the hinge.

6. WRONG OUTER DOOR GLASS POSITION

7. CORRECT OUTER DOOR GLASS POSITION (inside the new stirrup)

8. Fix the outer glass on the new stirrup.

9. Position once again the middle glass and …	10. …the inner glass.

HOW TO UNLOCK PYROLYTIC MODELS

Manual door unlocking

Door locked and pyrolytic function is not active

Description of modification: Performs the checks/operations indicated below.

Date of introduction: Introduction of a new door lock thermostat: as of 09/01/2008 (depending on the model)

Interchangeability: YES

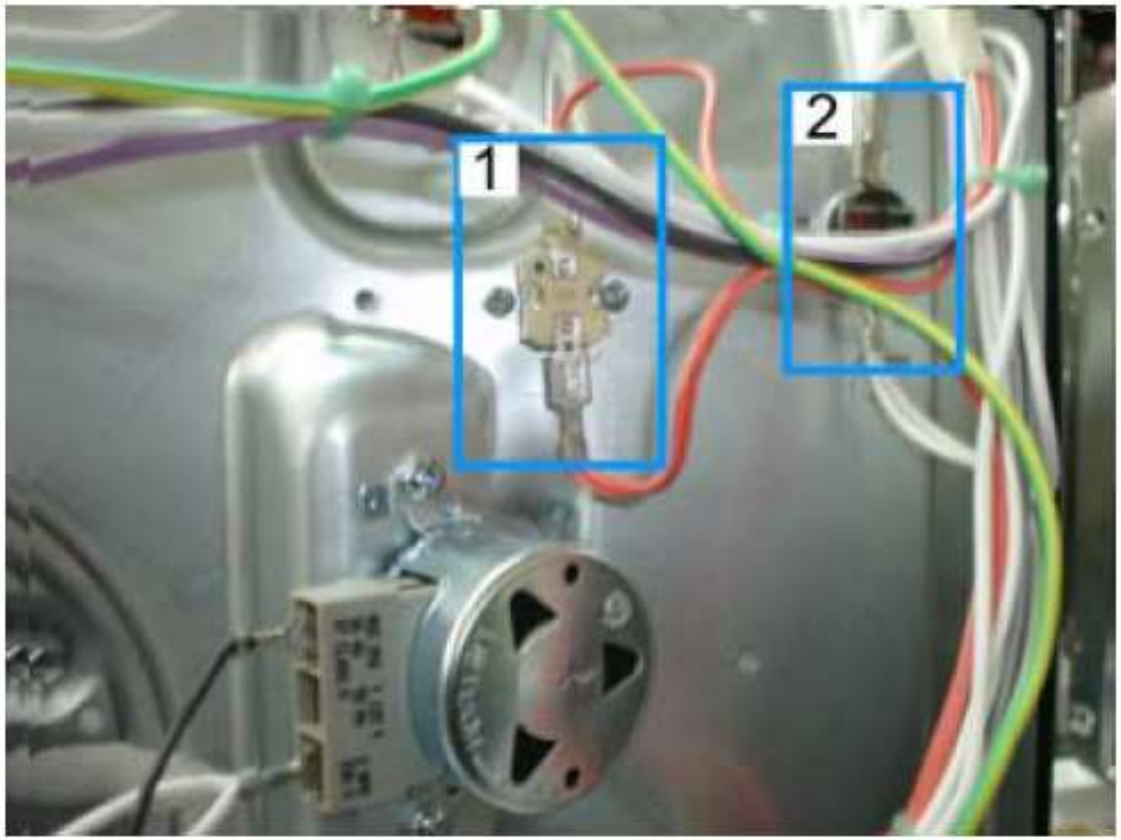
If the door lock activates, not allowing you to open the door, even though the Pyrolysis function was **not** selected, proceed as follows:

1. Check that the oven installation complies with the instructions given in the installation booklet (the appliance must be properly ventilated)

2. Check that the appliance has a door locking thermostat, calibrated 100°C (P/N 818731036). As of 09/01/2008 a new thermostat is introduced, calibrated 100°C, to replace the current thermostat calibrated 90°C to avoid anticipated triggering of the door lock, especially in situations of overheating due to, for e.g.critical installations that do not allow proper appliance ventilation

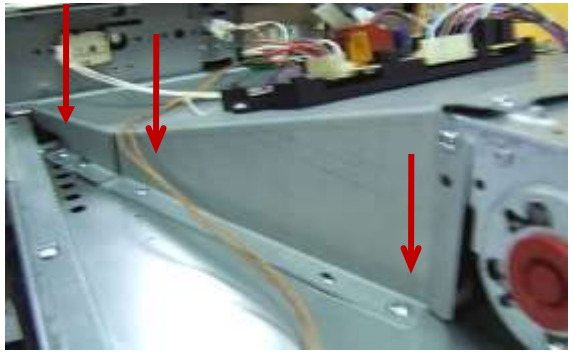
1= door lock thermostat

2= safety thermostat:



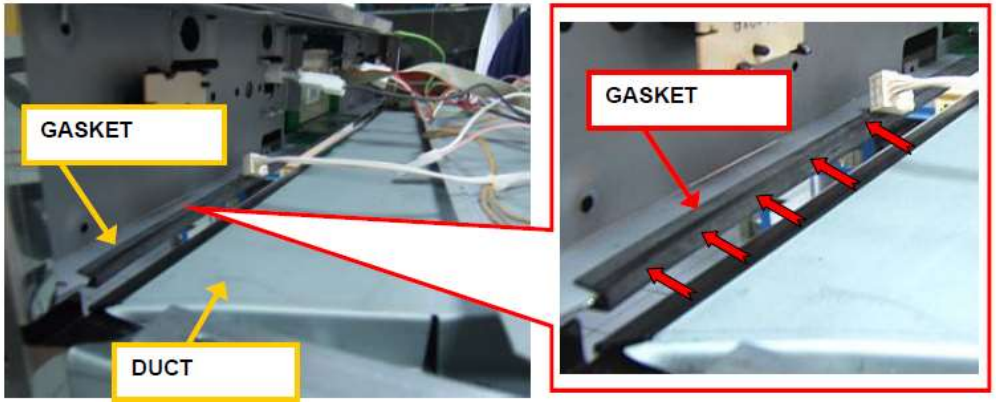
PERFORM THE FOLLOWING CHECKS

A)The gasket on the3 lower profile of the front panel crossbar must be inserted along the entire profile and aligned with the tangential duct.



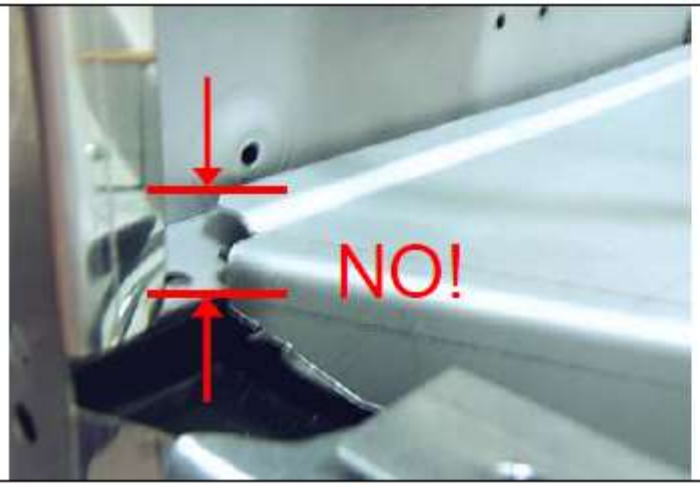
Loosen the tangential duct retaining screws to free it from the casing

After removing the upper casing, you can access the gasket applied to the front panel crossbar. This gasket must be perfectly inserted along the entire length of the lower edge to prevent it from obstructing the air outlet gap under the front panel.

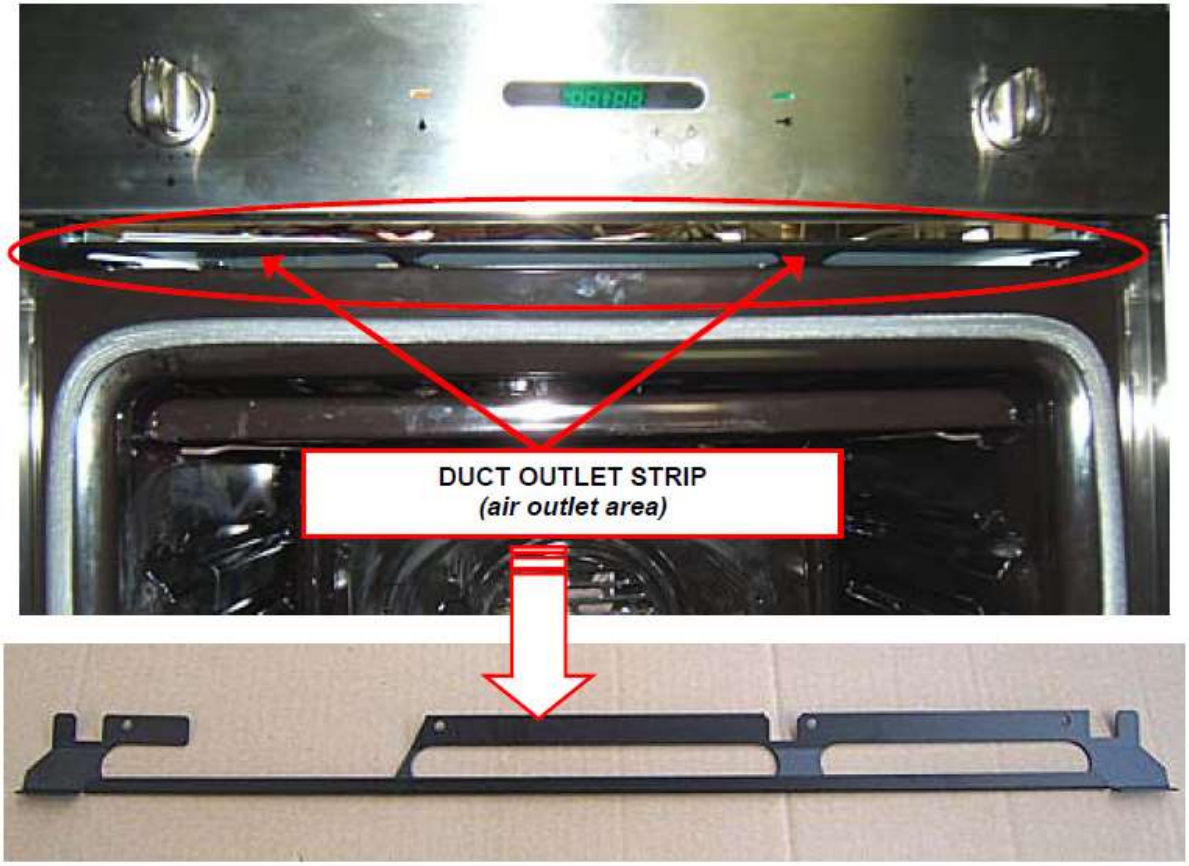


In the picture you can see how the lower cooling duct must be inserted in the upper fold of the duct outlet strip.

b) The upper duct of the tangential fan motor must be perfectly aligned with front panel crossbar.

	
The picture shows INCORRECT positioning of the upper duct. This causes accumulation of hot air in the controls area which can trigger the board safety protector and stop oven operation.	You must therefore position the upper duct both horizontally and vertically even with the front panel crossbar, as indicated in the picture. Then secure the casing ducts again.

c) The air outlet gap from the tangential duct under the front panel must be sufficiently open to allow proper air outlet.

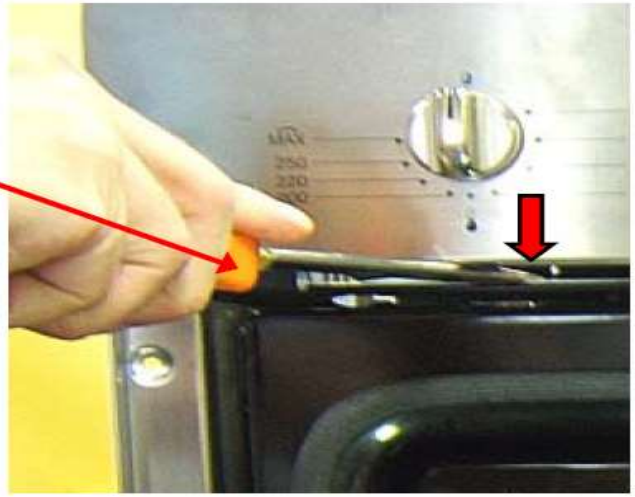


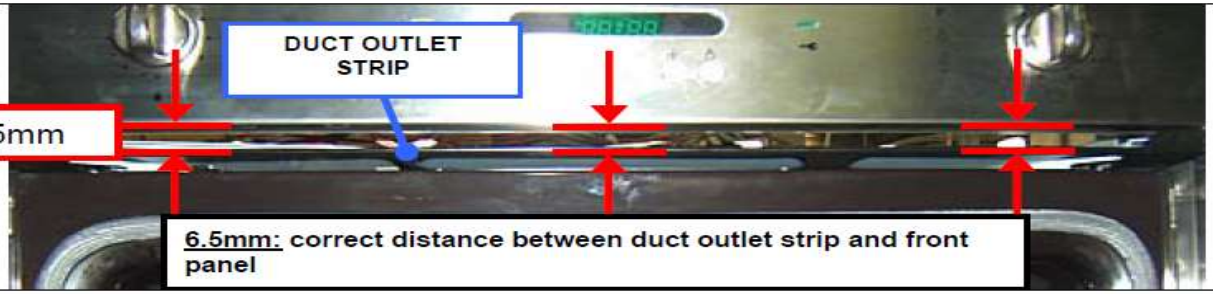
Check that the air outlet gap under the front panel is completely open and proceed as follows:

Using a flat blade screwdriver, increase the distance between the duct outlet strip and the front panel …

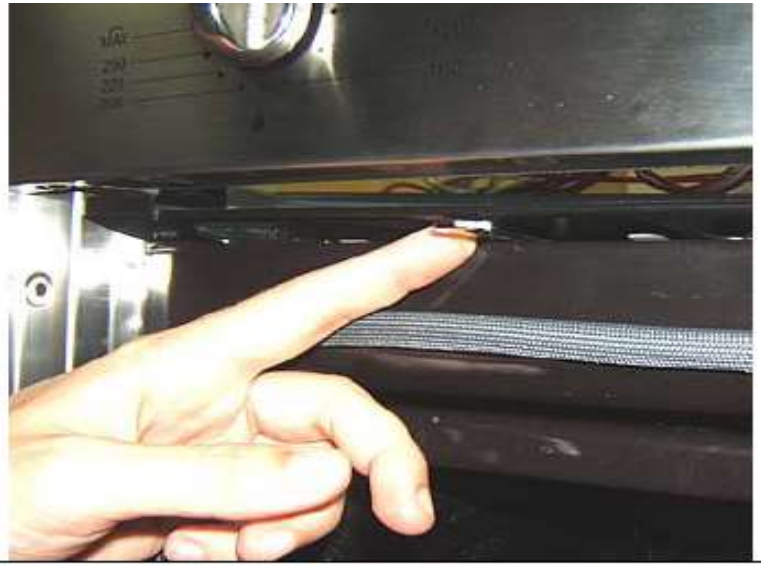
Perform the same operation along the entire length of the duct outlet strip, to create a uniform opening.

DETAIL OF POINT ON WHICH TO ACT TO LOWER THE DUCT OUTLET STRIP,





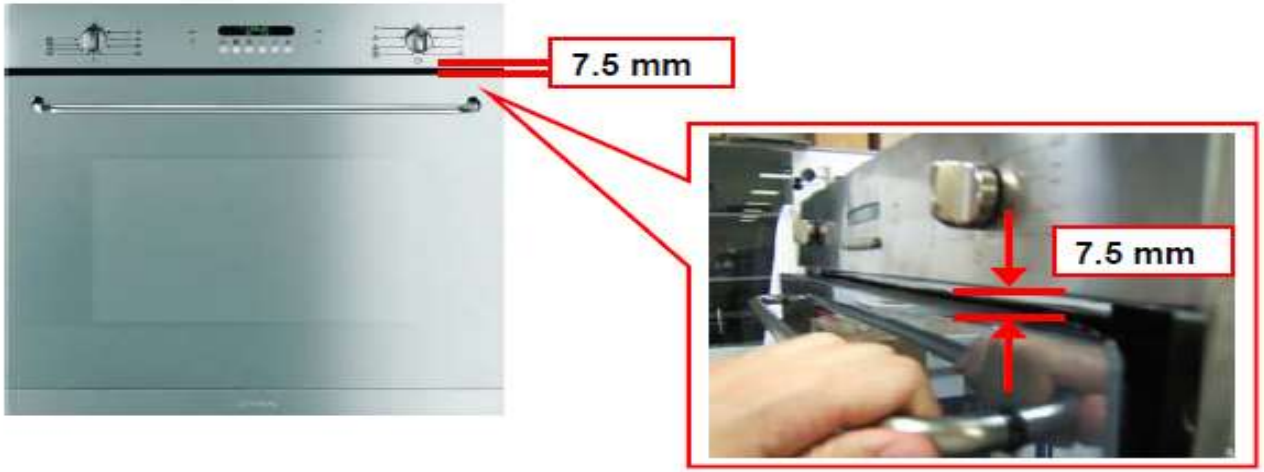
This way you can increase the cooling air outlet gap uniformly.



ATTENTION! At the end of the above operation, check that the door lock lever stroke is NOT limited by the duct outlet strip.

d) The correct distance between front panel and outer glass must be 7.5 mm (MIN).

Adjust the door so that the distance between front panel and door is 7.5mm (min). To regain this space you can act on the hinge retaining points.



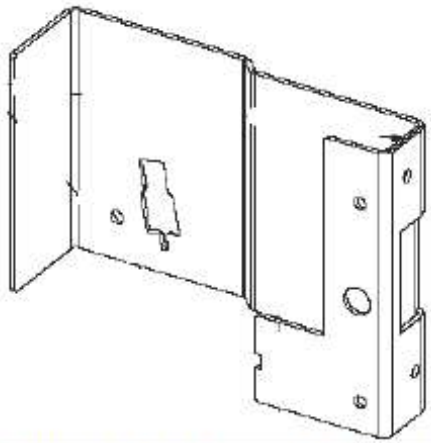
MICRO SWTICH CONTACT BURNING

Brand	FRN-SB2010-05- additional micro switch introduction-70cm ovens
Models concerned	Smeg
Cause	*SCA705X,SCA706X,SC709X,SCA708X, ,SCA709X,SC709X1, SC709XK,,SCA710X*
Description of modification	micro switch contact burning
Date of introduction	Introduction of an additional door micro switch which allows to divide the resistance load on two contacts. This avoids the overload of the existing micro switch which , during particular heavy conditions, causes its contact burning.
Interchangeability	Starting from: 08/03/2010
Brand	**Yes- following the instructions hereafter.**

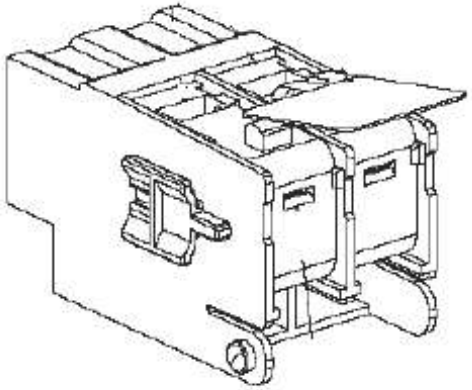
PROCEDURE TO APPLY FOR THE PRE-MODIFICATION APPLIANCES :

needed components:

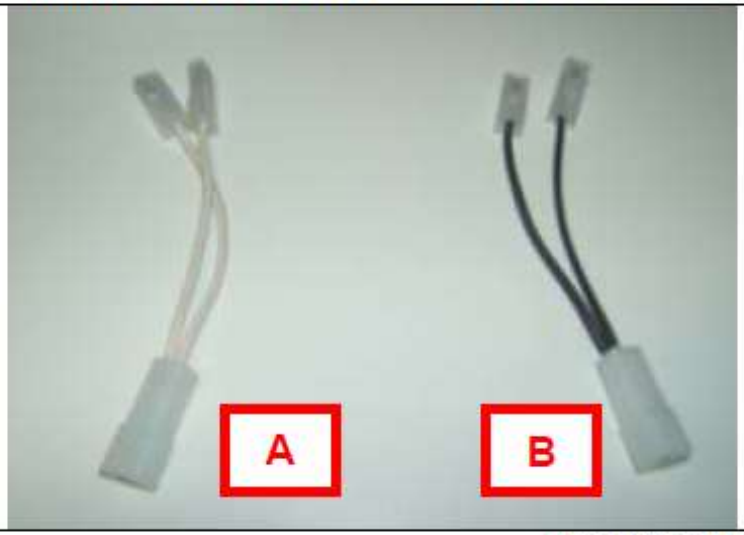
- **MICRO SWITCH P/N 694490661**
- **MICRO-SWITCH BRACKET P/N 018291034**
- **ACCESSORY WIRING P/N 690071903**

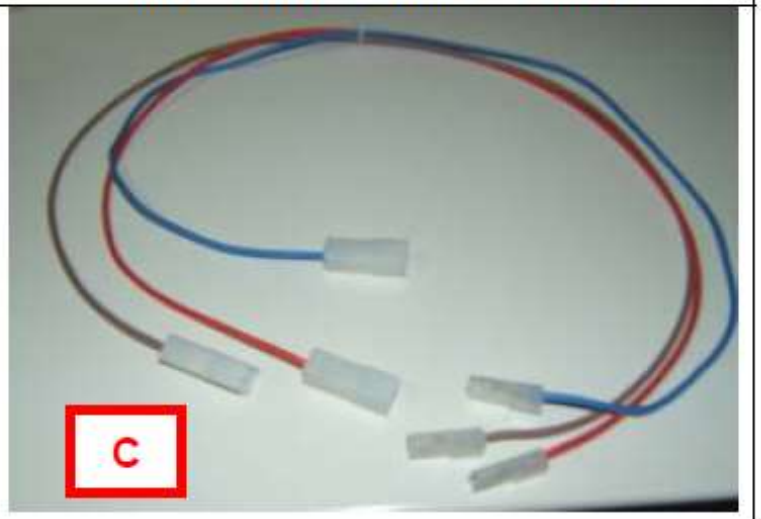


MICRO SWITCH BRACKET P/N 018291034



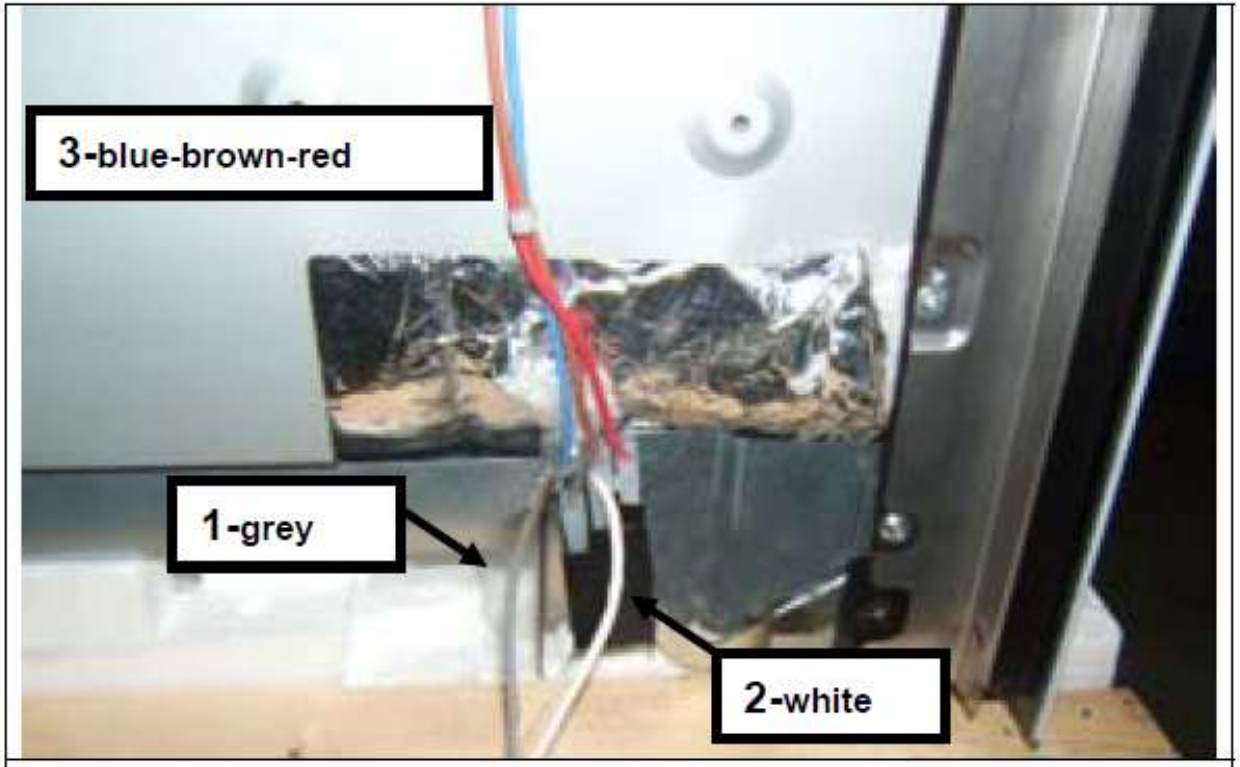
MICRO SWITCH P/N 694490661





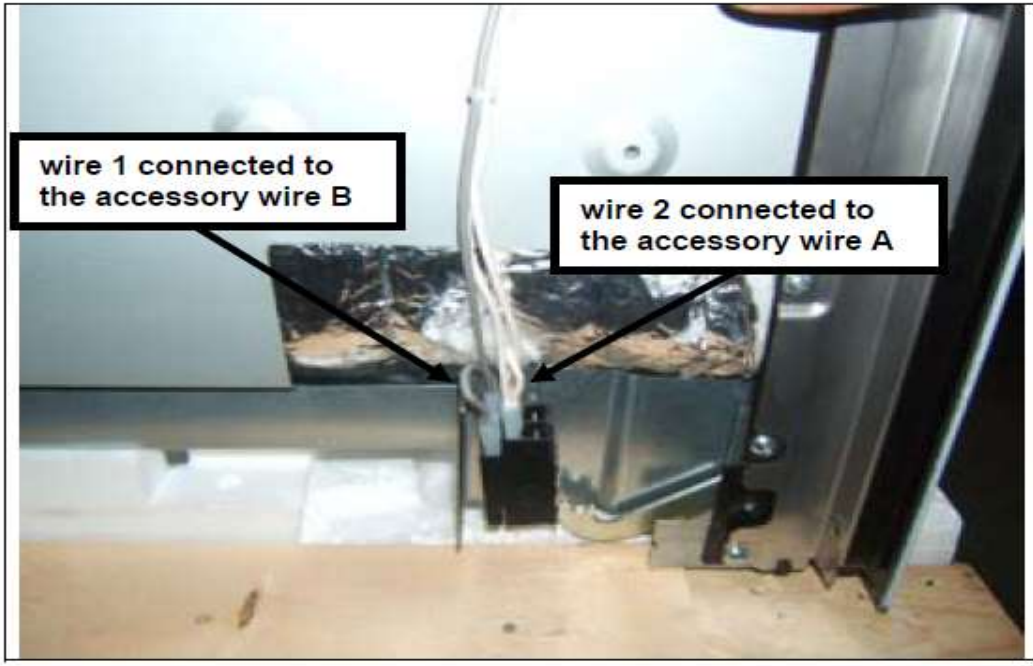
ACCESSORY WIRING P/N 690071903

Application of the upon listed components for the pre-modification appliances:



CONFIGURATION OF THE EXISTING MICRO SWITCH

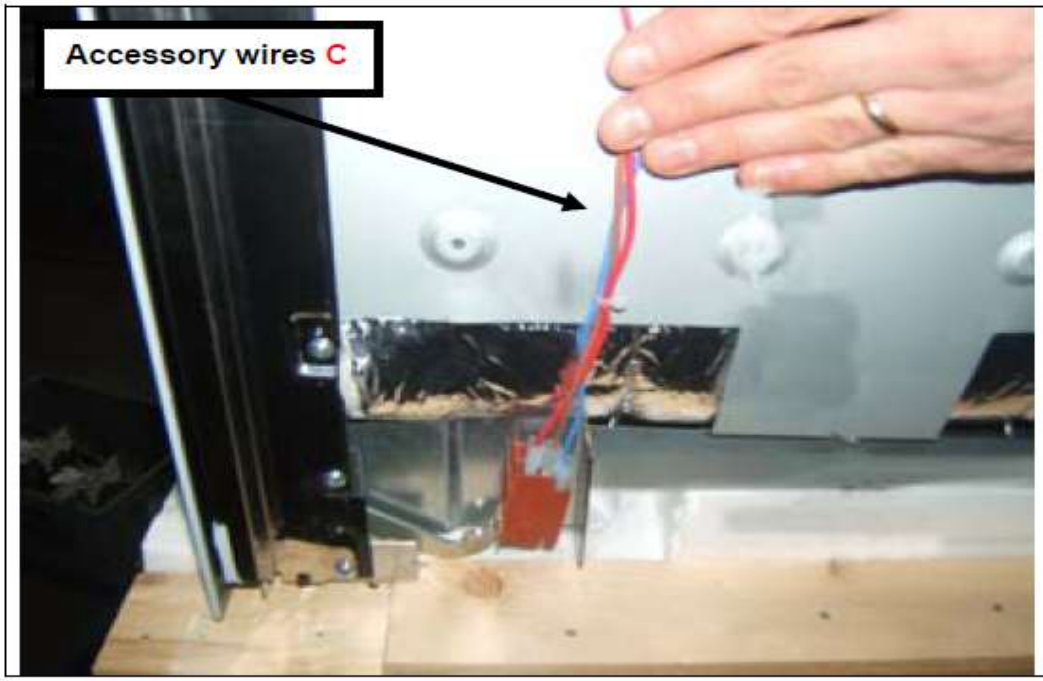
1- disconnect the wires: **1** (grey), **2** (white), **3** (blue-brown-red) which connect the existing micro switch



2- Connect to the existing micro switch:

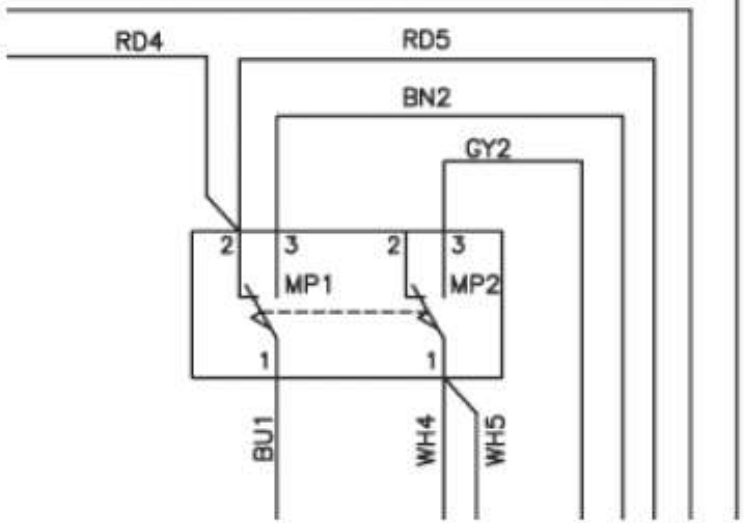
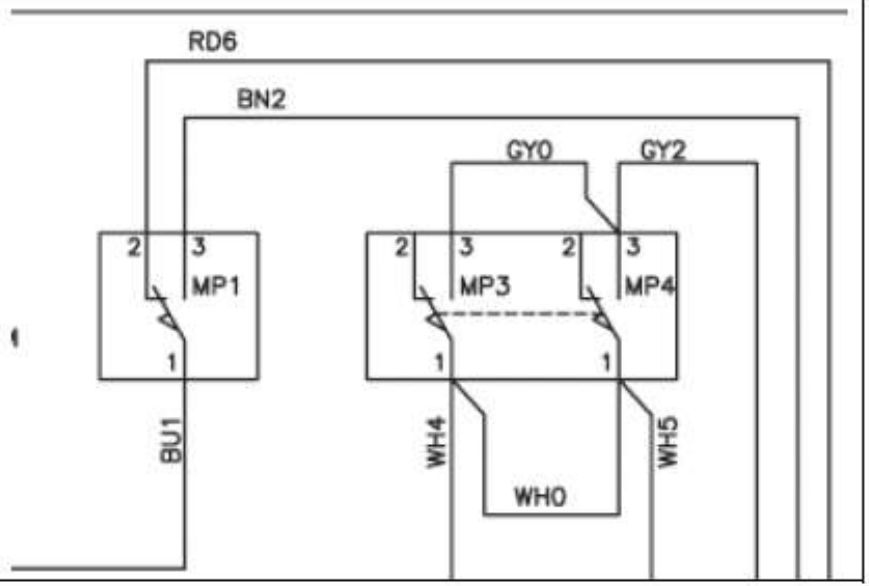
-the wire **1** (grey) to the accessory wire **B**

- the wire **2** (white) to the accessory wire **A**



3- Fix on the opposite side of the appliance, the bracket and the additional micro switch ***(p/n 018291034 and p/n. 694490661)***

4- Now connect to the wires **3** (blue-brown-red) previously disconnected from the original micro switch, the accessory wires **C.**

OLD CONFIGURATION	NEW CONFIGURATION
micro switch connection originally fitted on the appliance	*micro-switches connection*
	

n.b: for the complete electric schemes of each model, refer to the web.

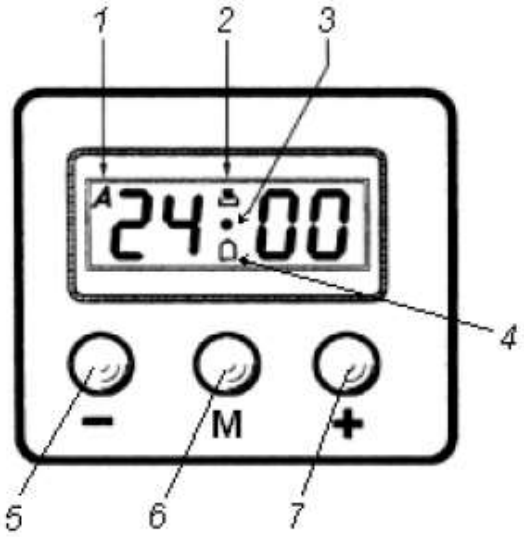
HOW TO SET THE CLOCKS ON THE BAUMATIC & CLASSIQUE WALL OVENS

Note: For the household appliance programmer to function correctly, it should have a ground connection through the power supply cable.

First start-up

When the oven is connected to the mains electricity or after any black-outs, the digits on the display and the letter A are displayed in flashing mode.

In these conditions, the oven cannot be switched on.



To set the exact time and/or enable the oven to function, press and hold down the M button for 2 sec. The letter A will be switched off and the digits shown on the display will become steady.

When the dot (3) is flashing, press the – button or the + button to correct the displayed time.

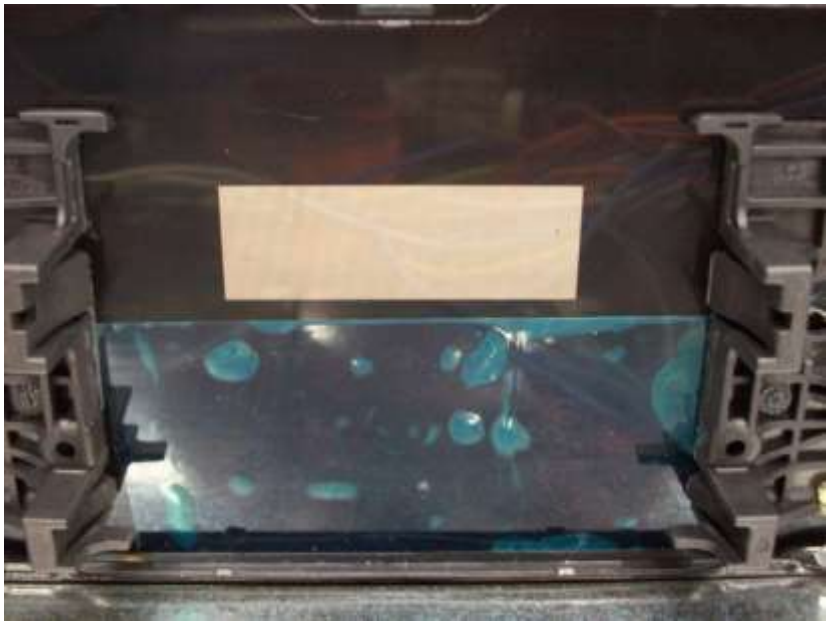
The set time will be accepted by the programmer a short time after the button is released

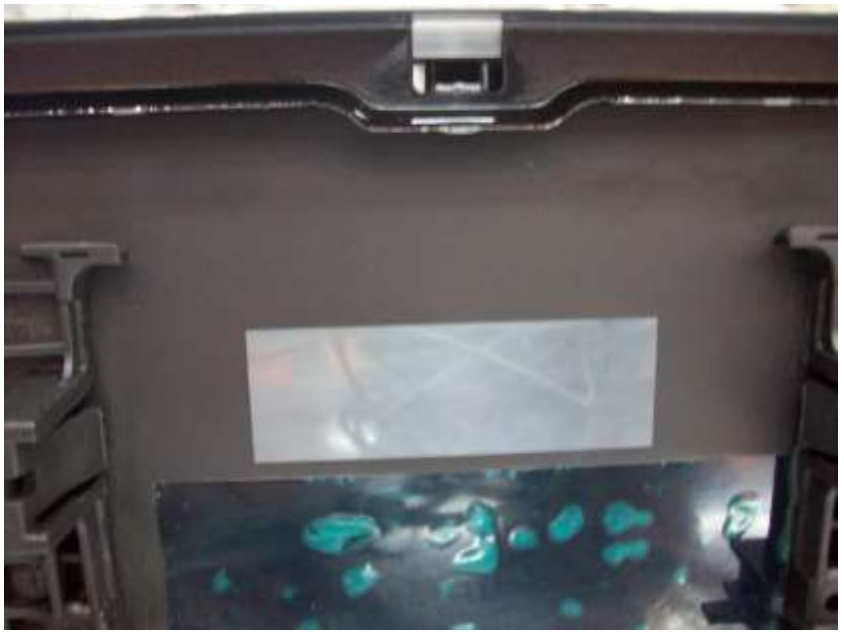
Note: The oven can carry out its cooking functions only when the programmer display shows the lit symbol

Models: CL625SS, CL627SS, CL929SS, BK267PSS, BK265PSS, BK650SS, BK660SS, BK929PSS

PLEXI GLASS DIFFERENCE

CL625SS & BK265PSS

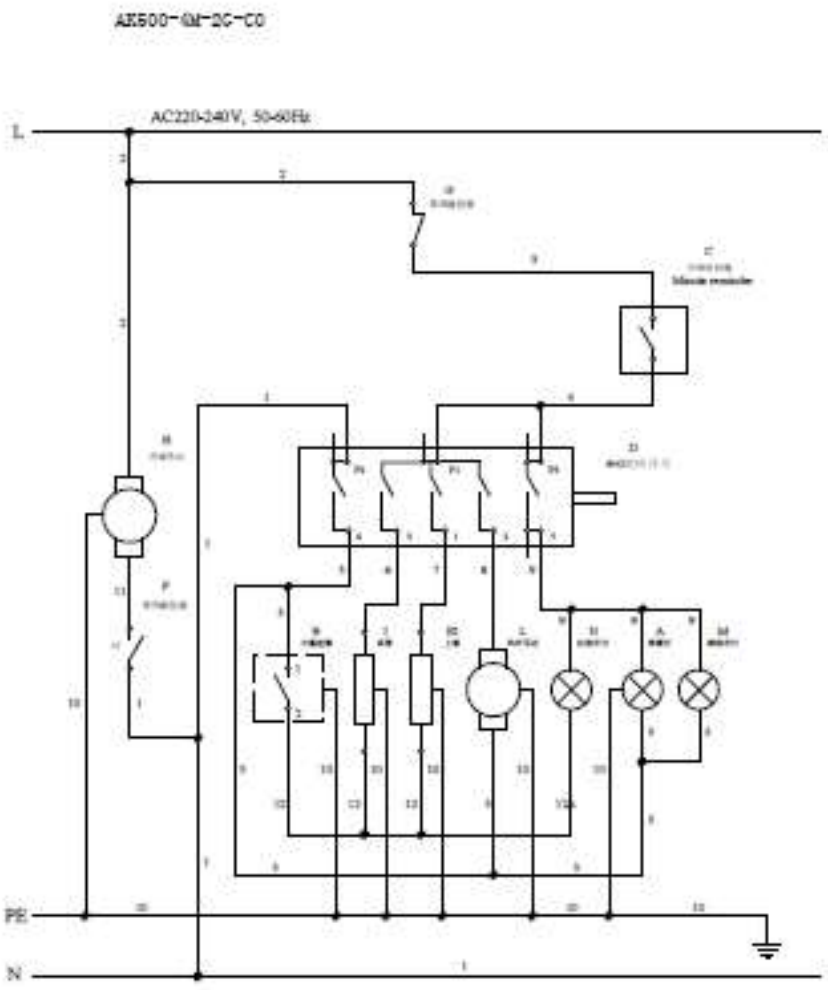




PLEXI GLASS

HOMEKING
WALL OVENS

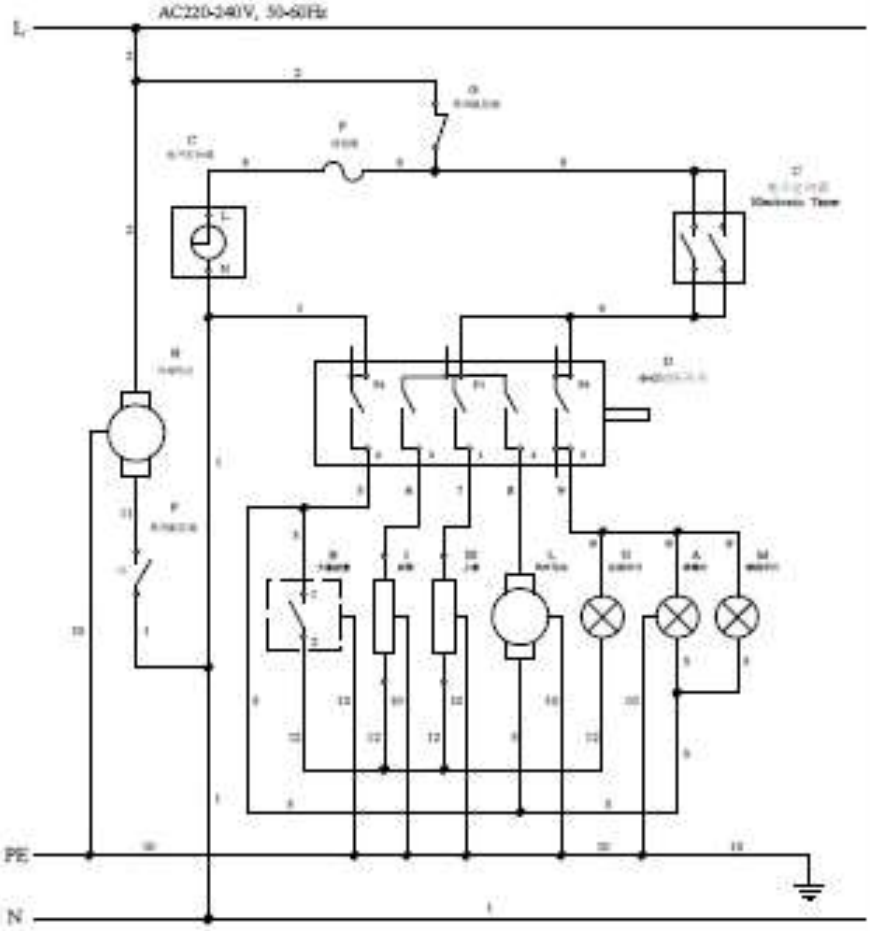
HKOF600SS WIRING DIAGRAM



		220V	240V	240V
A	Oven Lamp	33	33	37
C	Mixer remote	✓	✓	✓
D	Selector 4+0 Position	✓	✓	✓
BD	Top Heater Element	1800	2000	2178
H	Cooling Fan	11	12	13
I	Radial Heater Element	2310	2400	2504
L	Radial Fan	12	13	14
M	(240V) Indicator Light Green (240V)	✓	✓	✓
N	(240V) Indicator Light Red (240V)	✓	✓	✓
R	Oven Thermostat(50℃-250℃)	✓	✓	✓
P	Oven 4+0	✓	✓	✓

									220V	240V	240V
			P1 4	P1 3	P1 2	P1 1	P2 5	P2 4			
0	0°	0								✓	✓
1	72°		×					×		23	27
2	144°		×	×				×		33	37
3	216°		×	×		×		×		2310	2400
4	288°		×		×			×		1870	2020

HKOF605SS WIRING DIAGRAM

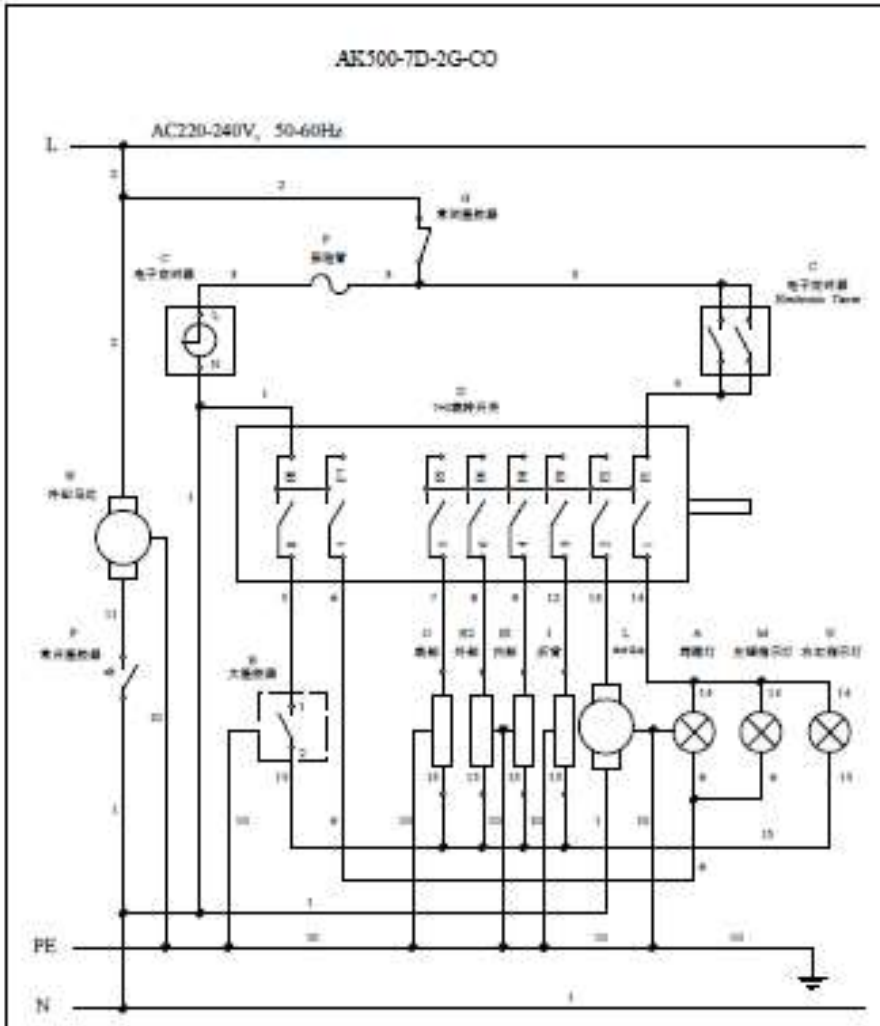


		220V	230V	240V
A	Oven Lamp	25	25	25
C	Electronic Timer	2.2K	0	5.2
D	Selector 4+0 Functions	⁄	⁄	⁄
E	Top Heater Element	1650	2000	2175
G	Oven S.O. (at 180°C) Open at 185°C Close at 180°C	⁄	⁄	⁄
M	Cooling Fan	11	12	13
I	Radial Heater Element	2150	2500	2800
L	Radial Fan	12	14	14
M	(250V) Indicator Light Green (250V)	⁄	⁄	⁄
N	(250V) Indicator Light Red (250V)	⁄	⁄	⁄
P	5.0A/250V) Fuse 5.0A	⁄	⁄	⁄
R	(50 ~ 250°C) Oven Thermostat(50 ~ 250°C)	⁄	⁄	⁄
S	(0 ~ 180°C) Oven S.O. (at 180°C) Close at 185°C Open at 180°C	⁄	⁄	⁄

			P5	P1	P3	P1	P2	P2		220V	230V	240V
0	0°	0								2.2K	0	5.2
1	72°		X					X		24	28	30
2	144°		X	X				X		38	41	44
3	216°		X	X		X		X		2142	2342	2546
4	288°		X		X			X		1654	2038	2038

編制: 审核: 批准: 日期:

HKOM600SS WIRING DIAGRAM



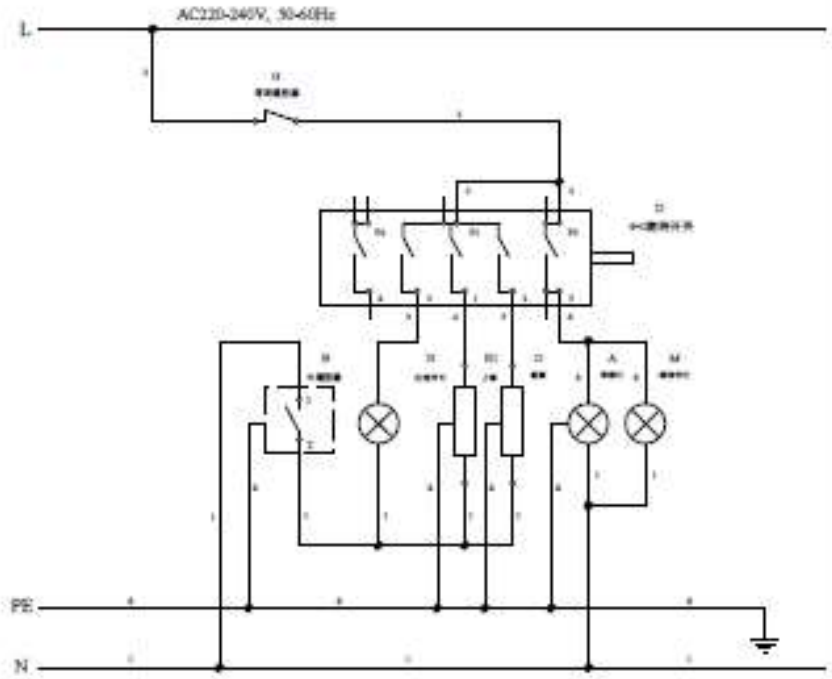
编制: 审核: 批准: 日期:

代号	部件名称	220V 功率(W)	280V 功率(W)	240V 功率(W)
A	照明灯 Oven Lamp	25	32	25
B	大温控器(0℃-250℃) Oven Thermostat(0℃-250℃)	/	/	/
C	电子定时器 Electronic Timer	2.5	3	3.2
D	7档旋钮开关 Selector 7-Pc Switches	/	/	/
EC	内加发热管 Inner Coil Heater Element	1200	1920	1470
EC	外加发热管 Outside Coil Heater Element	820	800	980
F	常开温控器 (0℃-240℃)	60sec N.O. (ATTENT) 60sec or at(C. Open or at(C.)	/	/
G	常闭温控器 (120℃/160℃)	60sec N.C. (ATTENT) Open at (at(C. Close at (at(C.)	/	/
H	冷却马达 Cooling Fan	11	12	13
I	后背加发热管 Radial Heater Element	2100	2800	2300
L	风叶马达 Radial Fan	12	13	14
M	绿色指示灯(280V) Indicator Light Green (280V)	/	/	/
N	红色指示灯(280V) Indicator Light Red (280V)	/	/	/
O	底加发热管 Bottom Heater Element	1100	1800	1400
P	保险管(产品可换 A10A/250V) Fuse A10A	/	/	/

档位	角度	功能模式	P1	P2	P3	P4	P5	P6	P7	P8	运行状态	220V 功率(W)	280V 功率(W)	240V 功率(W)
0	0°	0									关闭	2.5	3	3.2
1	45°		×	×					×		照明灯+锅灯+风叶马达	90	45	96
2	90°		×				×	×	×	×	照明灯+锅灯+灯灯+底加+外加	2000	2220	2400
3	135°		×	×	×				×	×	照明灯+锅灯+灯灯+风叶马达+后背	2140	2940	2540
4	180°		×			×			×	×	照明灯+锅灯+灯灯+后背	1240	1970	1590
5	225°		×			×		×	×	×	照明灯+锅灯+灯灯+后背+外加	3040	2270	3490
6	270°		×	×		×		×	×	×	照明灯+锅灯+灯灯+风叶马达+后背+外加	3090	3290	3490
7	315°		×	×			×		×	×	照明灯+锅灯+灯灯+风叶马达+底加	1220	1940	1490

HKOS600SS WIRING DIAGRAM

AK500-4M-2G-00(WITHOUT COOLING FAN AND TIMER)



代号	配件名称	220V 功率 (W)	230V 功率 (W)	240V 功率 (W)
A	指示灯 Lamp	24	25	27
D	6+0旋转开关 Selector 6+0 Function	✓	✓	✓
H1	上加热管 Top Heater Element	1100	1150	1210
O	恒温控制器 (25℃/260℃) Klixon S.O. (25℃/260℃) (Open at 140℃, Close at 90℃)	✓	✓	✓
H	底加热管 Bottom Heater Element	800	1000	1200
M	绿色指示灯(220V) Indicator Light Green (220V)	✓	✓	✓
N	红色指示灯(220V) Indicator Light Red (220V)	✓	✓	✓
R	大面积温控(50℃-250℃) Area Thermostat(50℃-250℃)	✓	✓	✓
F	表面温控器 (0℃-140℃) Klixon S.O. (0℃/140℃) (Close at 45℃, Open at 80℃)	✓	✓	✓

档位	角度	功能模式	P3 3	P3 2	P3 1	P2 1	P2 2	P2 3	运行状态	220V 功率 (W)	230V 功率 (W)	240V 功率 (W)
0	0°	0							关机	✓	✓	✓
1	72°		×						指示灯+A指示	24	25	27
2	144°		×		×	×		×	指示灯+A指示+D旋钮+上加热	1124	1175	1237
3	216°		×	×		×			指示灯+A指示+D旋钮+底加热	824	1025	1210
4	288°		×	×	×	×			指示灯+A指示+D旋钮+底加热+上加热	1924	2025	2210

编制： 审核： 批准： 日期:

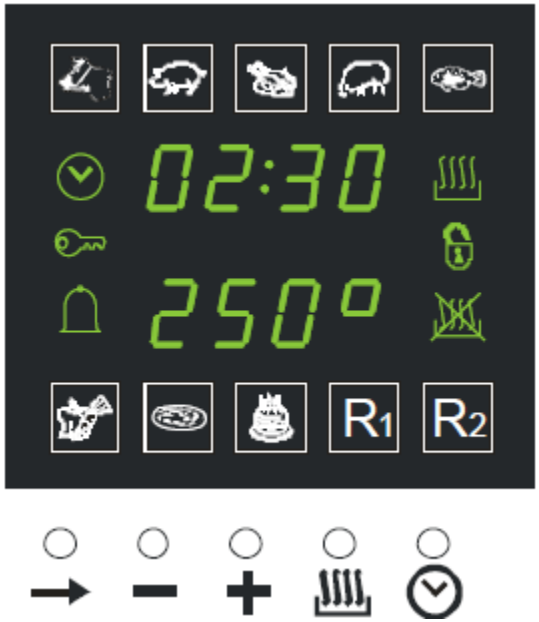
FREESTANDING OVENS

PROGRAMMERS & CLOCKS

MODEL: C9GMXA

SYMBOLS	FUNCTIONS LIST
	MINUTE MINDER BUTTON
	COOKING TIME BUTTON
	END OF COOKING BUTTON
−	POWER DECREASE BUTTON
+	POWER INCREASE BUTTON

MODELS: CE9CMXA & CE9IMXA



ERROR CODES FOR MODEL CE9CMXA

When devices are present in the oven, some error conditions are handled by the software and displayed on the display as follows:

1. Err1: probe faulty (open or shorted): this indication is detected by the software when the signal on the A/D converter, later recalculated according to the voltage/temperature conversion table, continuously indicates for at least 15 seconds an internal oven chamber temperature not within the range -40°C < OcT < 600°C.

2. Err2: over-temperature error, activates in the following cases: if, during a normal cooking programme (pyrolysis is excluded from this check), Oct rises above 350°C, the software will perform the following operations:

- close the door lock
- open all relays
- switch ON the Triac cooling fan motor
- switch OFF Triac roaster
- Intermittent 1Hz frequency buzzer

3. Err3: improperly positioned probe; see error condition description in the following paragraph “Safety
management of improperly positioned probe“. To reset the error, position knob PT2 on “0”.

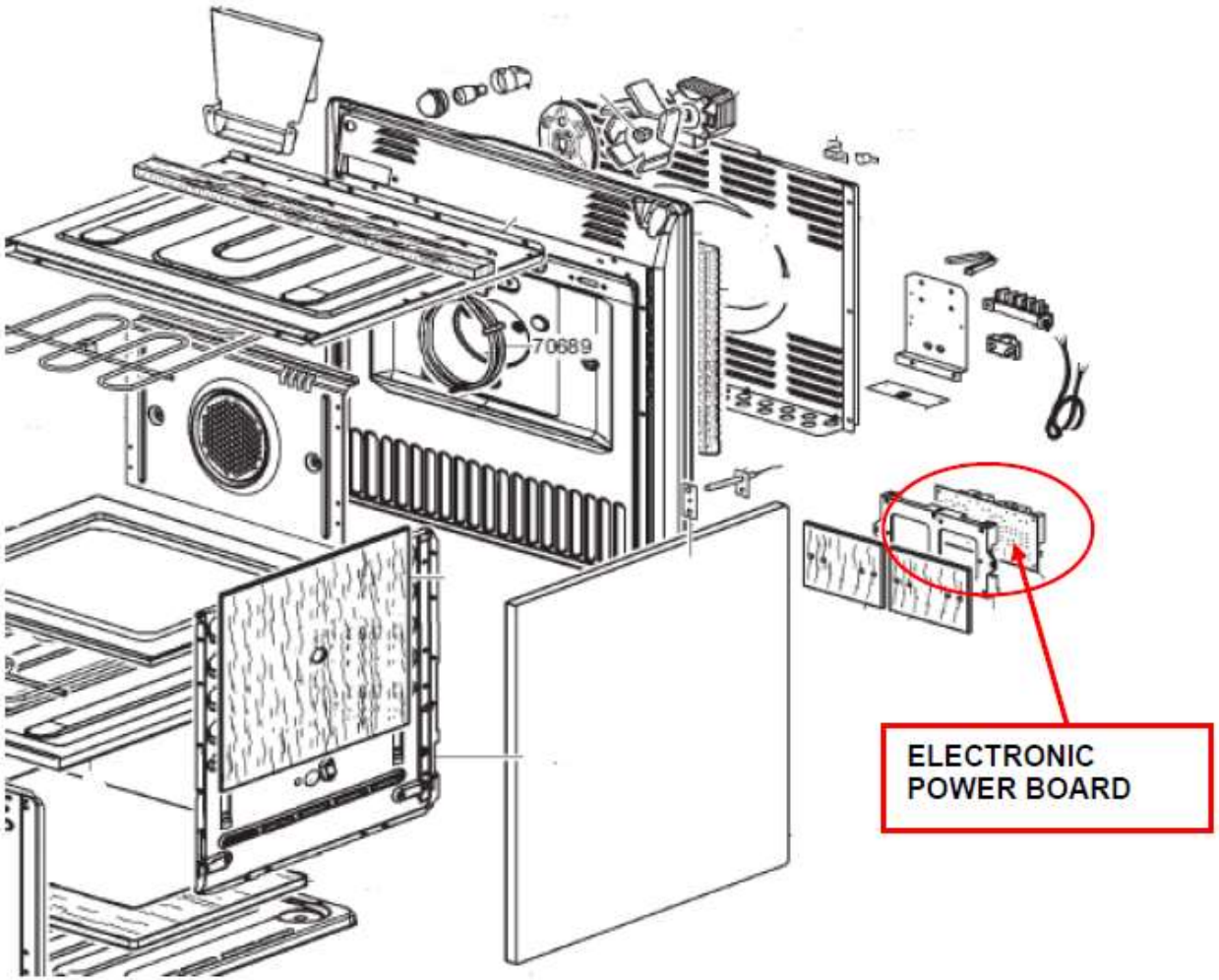
4. Err4: door lock microswitch: the error activates as described in paragraph “Door microswitch and door lock microswitch management”. To reset the error, position knob PT2 on “0”.

Normal activation of the door lock actuator (triac) is indicated by the opening of the door microswitch and shown on the display by ON.

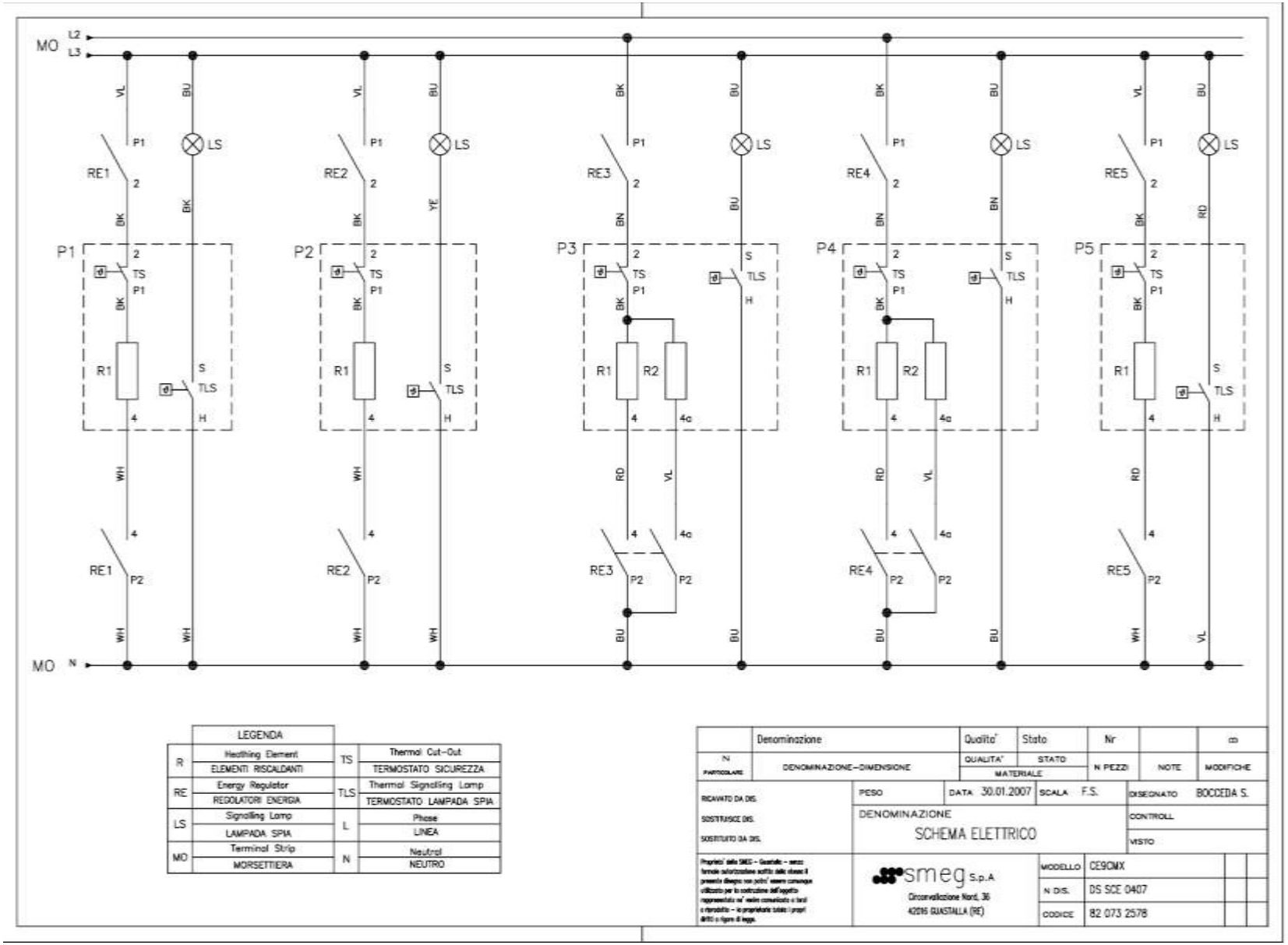
5. Err7: power board software problem.

Document N.	CUC-SB2009-02-no oven switching on _CE cooker series
Brand	Smeg
Models concerned	CE cooker series
Cause	Once a cooking cycle is set, the oven doesn't start due to the faulty software.
Description of modification	1. disconnect and connect the plug from the electric supply. 2. replace the electronic power board due to the software updating
Date of introduction	Introduction of a new electronic power board with updated software: 01.09.2009
Interchangeability	**YES-** the board spare part number doesn't change as the stock foresees the updated components.

ANOMALY: Once a cooking cycle is set, the oven doesn't start.
CORRECTIVE ACTIONS: 1- disconnect and connect the plug from the electric supply .
2- replace the electronic power board with a new spare part number.
n.b: for the component spare part number , refer to the related exploded view..


70689
ELECTRONIC
POWER BOARD

WIRING DIAGRAM MODEL CE9CMXA



LEGENDA			
R	Heathing Element	TS	Thermal Cut-Out
	ELEMENTI RISCALDANTI		TERMOSTATO SICUREZZA
RE	Energy Regulator	TLS	Thermal Signalling Lamp
	REGOLATORI ENERGIA		TERMOSTATO LAMPADA SPIA
LS	Signalling Lamp	L	Phase
	LAMPADA SPIA		LINEA
MO	Terminal Strip	N	Neutral
	MORSETTIERA		NEUTRO

	Denominazione	Qualita'	Stato	Nr		cb
N. PARTICOLARE	DENOMINAZIONE–DIMENSIONE	QUALITA' MATERIALE	STATO	N. PEZZI	NOTE	MODIFICHE
RICAVATO DA DIS.	PESO	DATA 30.01.2007	SCALA F.S.	DISEGNATO	BOCCEDIA S.	
SOSTITUISCE DIS.	DENOMINAZIONE			CONTROLL		
SOSTITUITO DA DIS.	SCHEMA ELETTRICO			VISTO		

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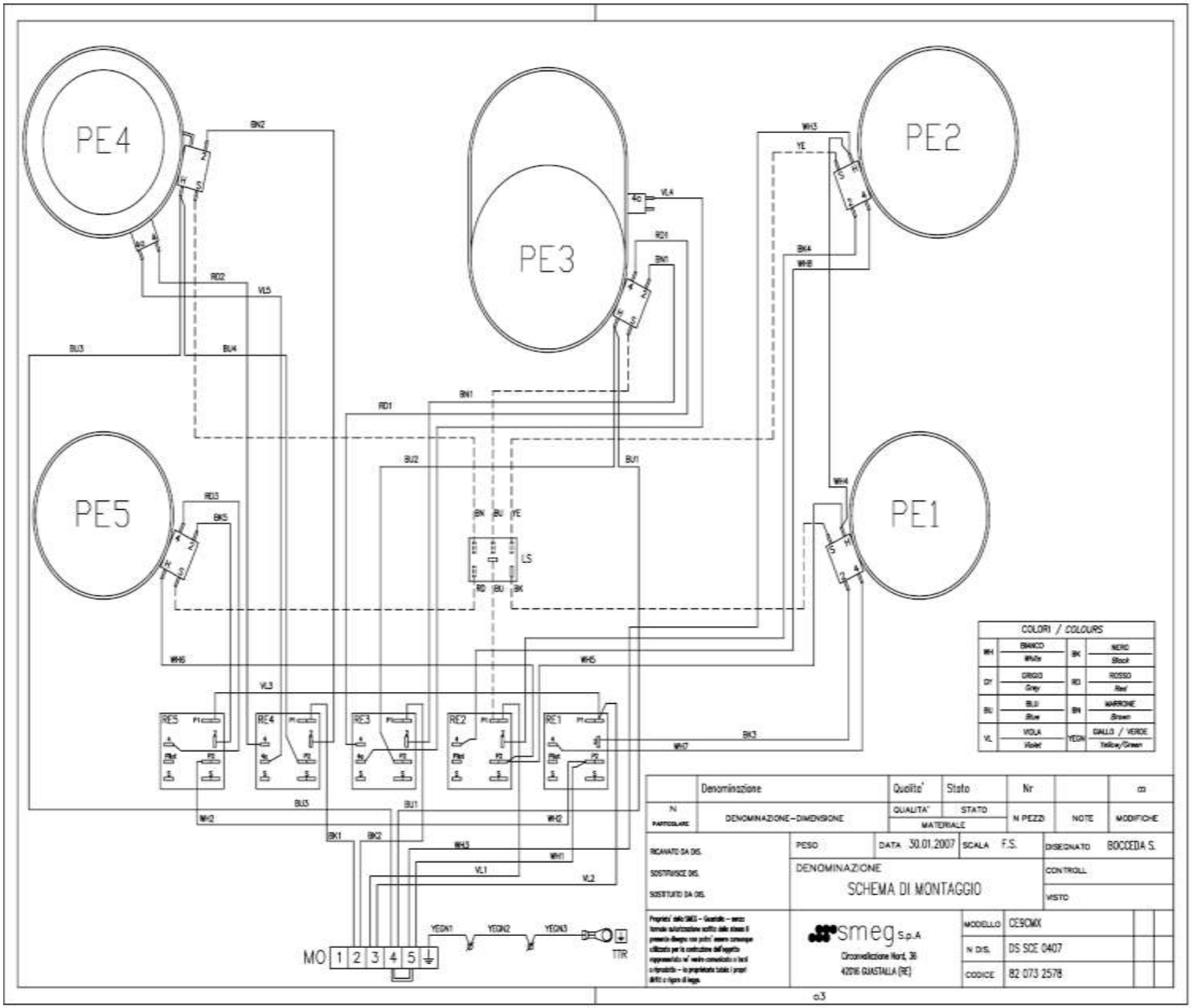
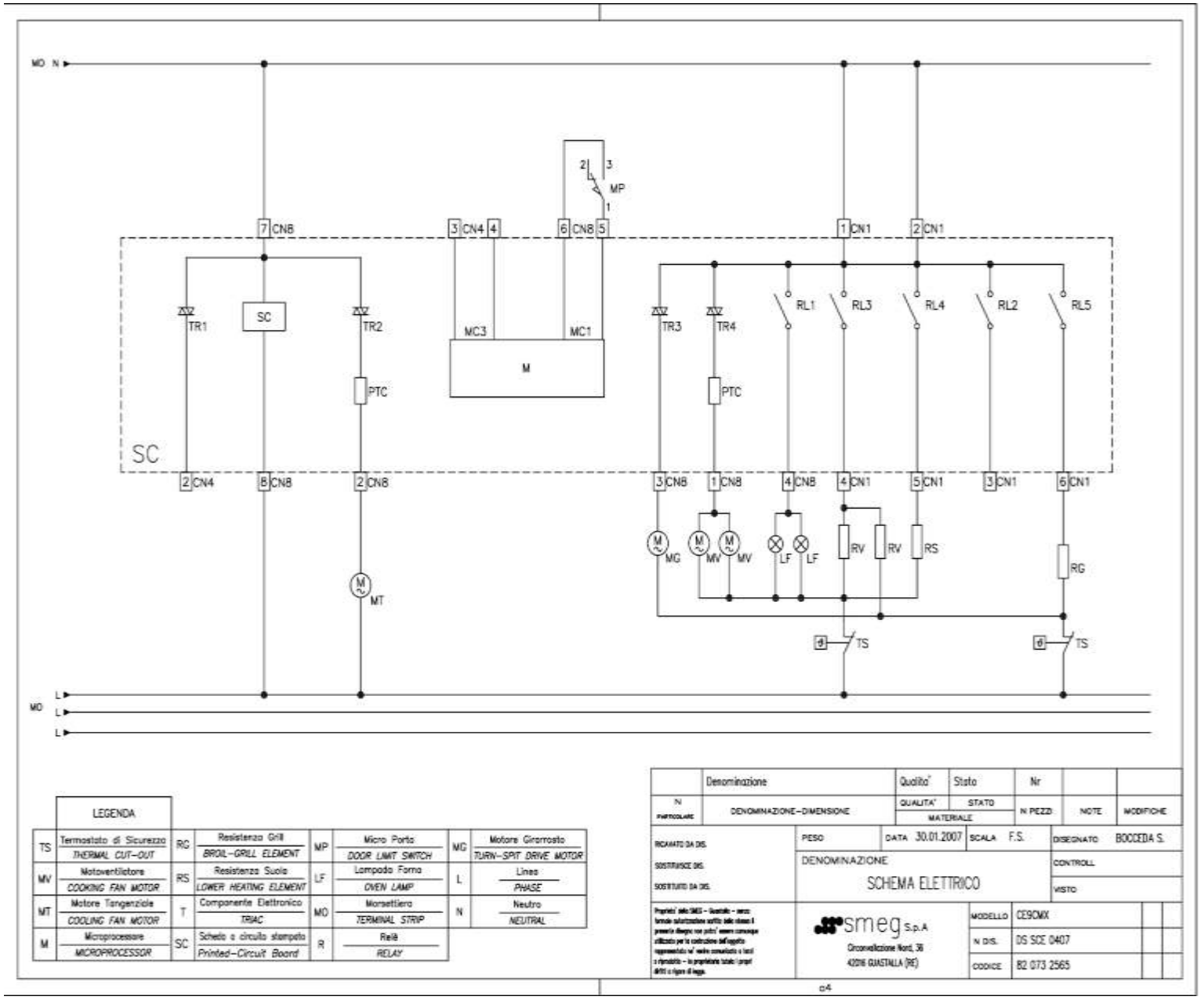
smeg S.p.A
Circonvallazione Nord, 36
42016 GUASTALLA (RE)

MODELLO	CE9CMX
N DIS.	DS SCE 0407
CODICE	82 073 2578

WIRING DIAGRAM CONTINUED



WIRING DIAGRAM CONTINUED



LEGENDA							
TS	Termostato di Sicurezza / *THERMAL CUT-OUT*	RG	Resistenza Grill / *BROIL-GRILL ELEMENT*	MP	Micro Porta / *DOOR LIMIT SWITCH*	MG	Motore Girarrosto / *TURN-SPIT DRIVE MOTOR*
MV	Motoventilatore / *COOKING FAN MOTOR*	RS	Resistenza Suola / *LOWER HEATING ELEMENT*	LF	Lampada Forno / *OVEN LAMP*	L	Linea / *PHASE*
MT	Motore Tangenziale / *COOLING FAN MOTOR*	T	Componente Elettronico / *TRIAC*	MO	Morsettiera / *TERMINAL STRIP*	N	Neutro / *NEUTRAL*
M	Microprocessore / *MICROPROCESSOR*	SC	Scheda a circuito stampato / *Printed-Circuit Board*	R	Relè / *RELAY*		

	Denominazione	Qualita'	Stato	Nr		
N PARTICOLARE	DENOMINAZIONE-DIMENSIONE	QUALITA' MATERIALE	STATO	N PEZZI	NOTE	MODIFICHE
RICAVATO DA DIS.	PESO	DATA 30.01.2007	SCALA F.S.	DISEGNATO	BOCCEDA S.	
SOSTITUISCE DIS.	DENOMINAZIONE			CONTROLL		
SOSTITUITO DA DIS.	SCHEMA ELETTRICO			VISTO		

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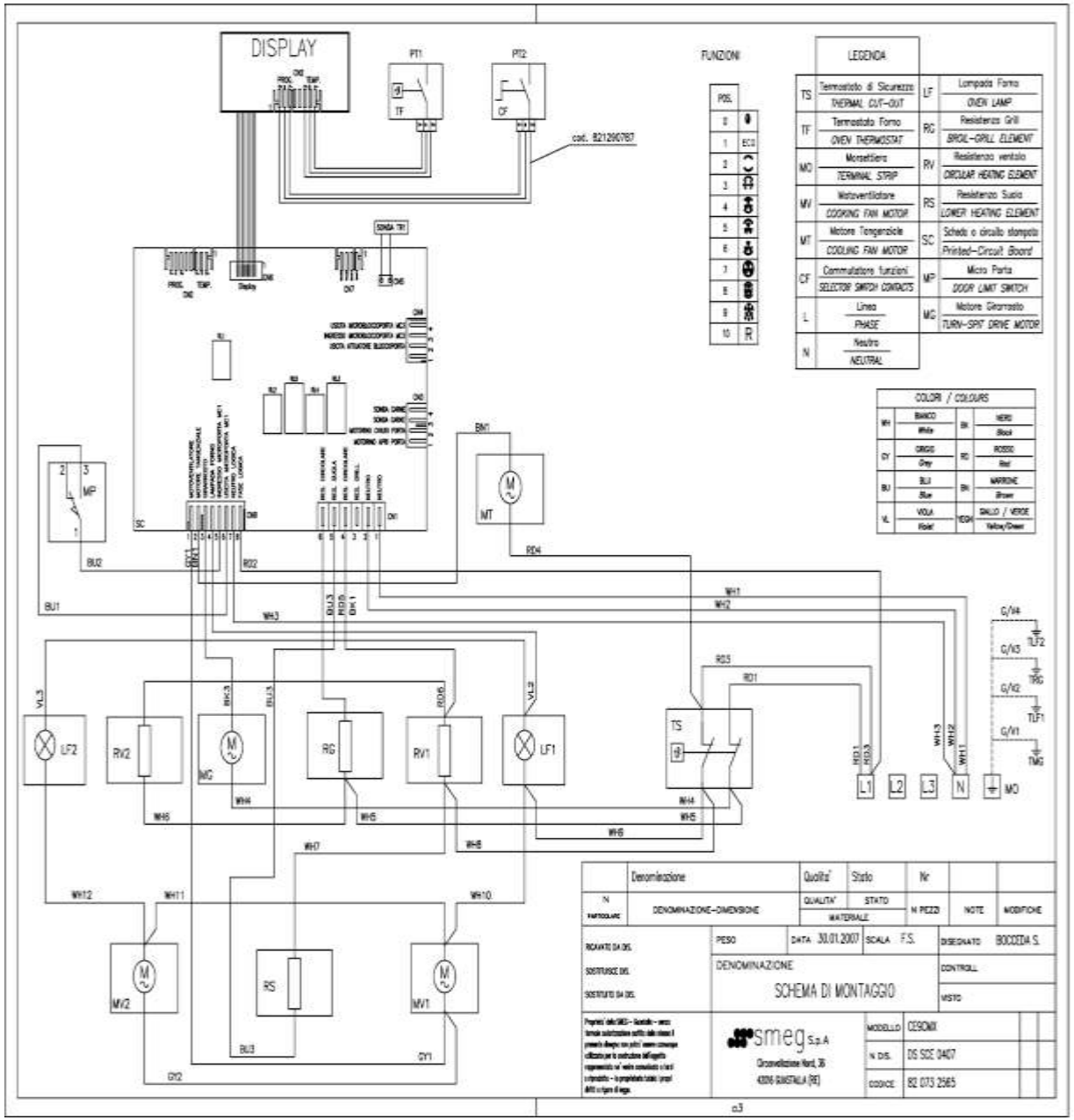
Circonvallazione Nord, 38
42016 GUASTALLA (RE)

MODELLO	CE9GMX
N DIS.	DS SCE 0407
CODICE	82 073 2565

04

WIRING DIAGRAM CONTINUED



2. ALARMS

If there is an irregularity, the appliance will activate acoustic and visual alarms identifiable by the following letters and digits:

	ERROR CODE	POSSIBLE CAUSES
1-	F3E3	TEMPERATURE SENSOR IN SHORT CIRCUIT
2-	F3E0	TEMPERATURE SENSOR IN OPEN CIRCUIT
3-	F4E0	FAULTY EEPROM
4-	F8E0	FAULTY POTENTIOMETER
5-	F5E2	FAULTY DOOR LOCKING/UNLOCKING
6-	Err3	ERROR DURING THE HEATING PHASE (NO INCREASE IN TEMPERATURE DETECTED). Possible causes: - check that the temperature probe is properly positioned, not faulty - check that the heating elements are operating properly - power board

If several errors occur simultaneously, the error indications will be displayed sequentially, starting with the first error 1) –F3E3 , 2) F3E0……

The error message will be automatically cleared when the fault is fixed.

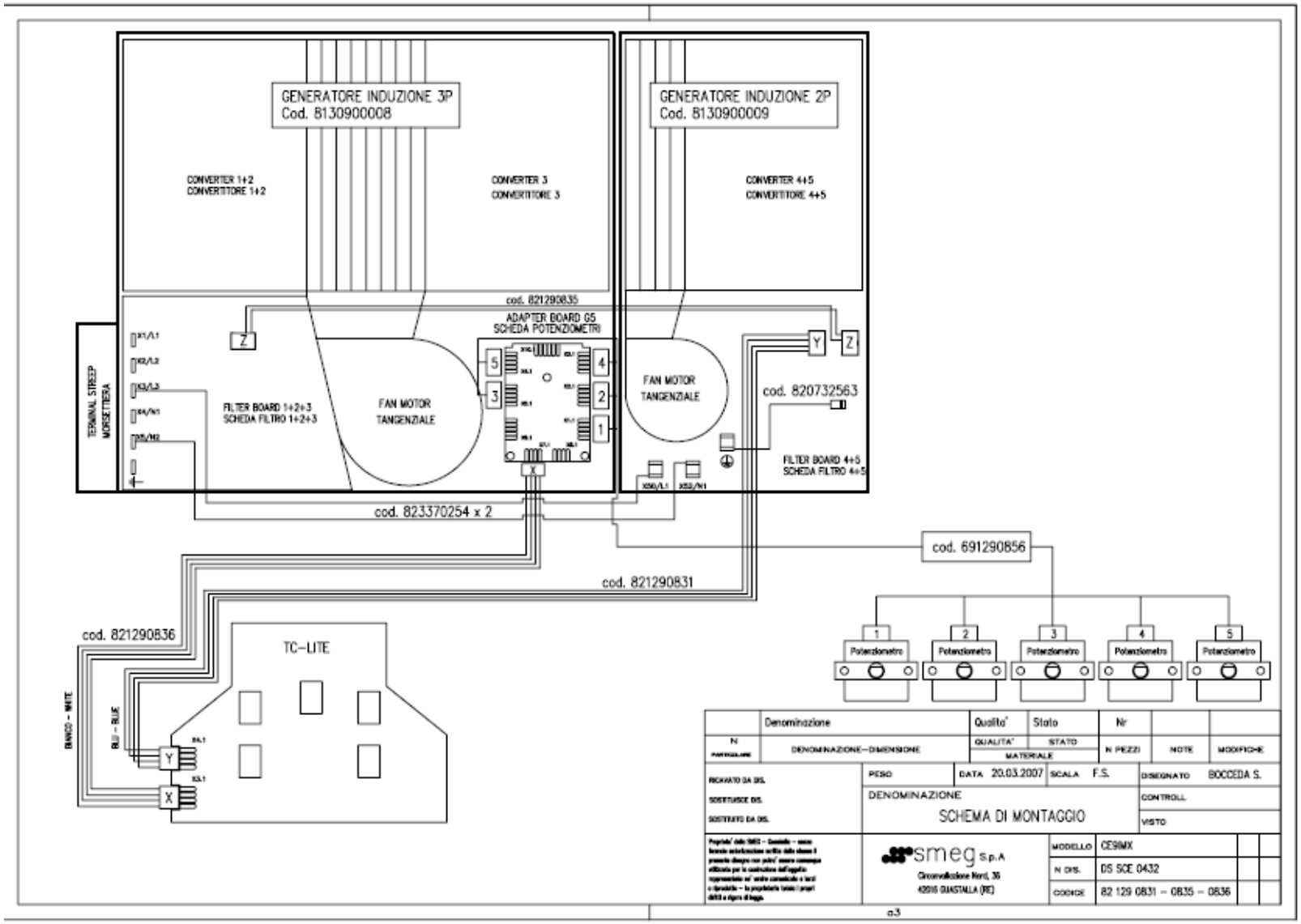
ERROR CODE FOR MODEL CE9IMXA

ERROR CODE	DESCRIPTION	POSSIBLE ERROR CAUSE	ERROR ELIMINATION
	Knob error	Knob continuous operation o broken wire	Release Replace knob/wire
Er03	Continuous key usage; control unit switches OFF after 10s	Presence of water or pans on hob glass on top of control unit	Clean the control zone
Er20	Flash error	faulty µC-	Replace control unit
Er22	Control zone switches OFF after 3.5 – 7.5 Secs	Short circuit or fault in control zone	Replace control board
Er31	- Incorrect configuration - Faulty connection between controls and induction module	- Improperly configured control zone - Wrong control board mounted - Faulty filter board	- New configuration by means of the service menu (refer to chapter 4 for the procedure) - Replace control board - If error persists replace filter board
Er47	Communication error between controls and inductor	-faulty controls	**- Replace the user interface board or its connection cable**
		-faulty or disconnected connection cable to control board	
		- Faulty filter board	- If error persists replace filter board

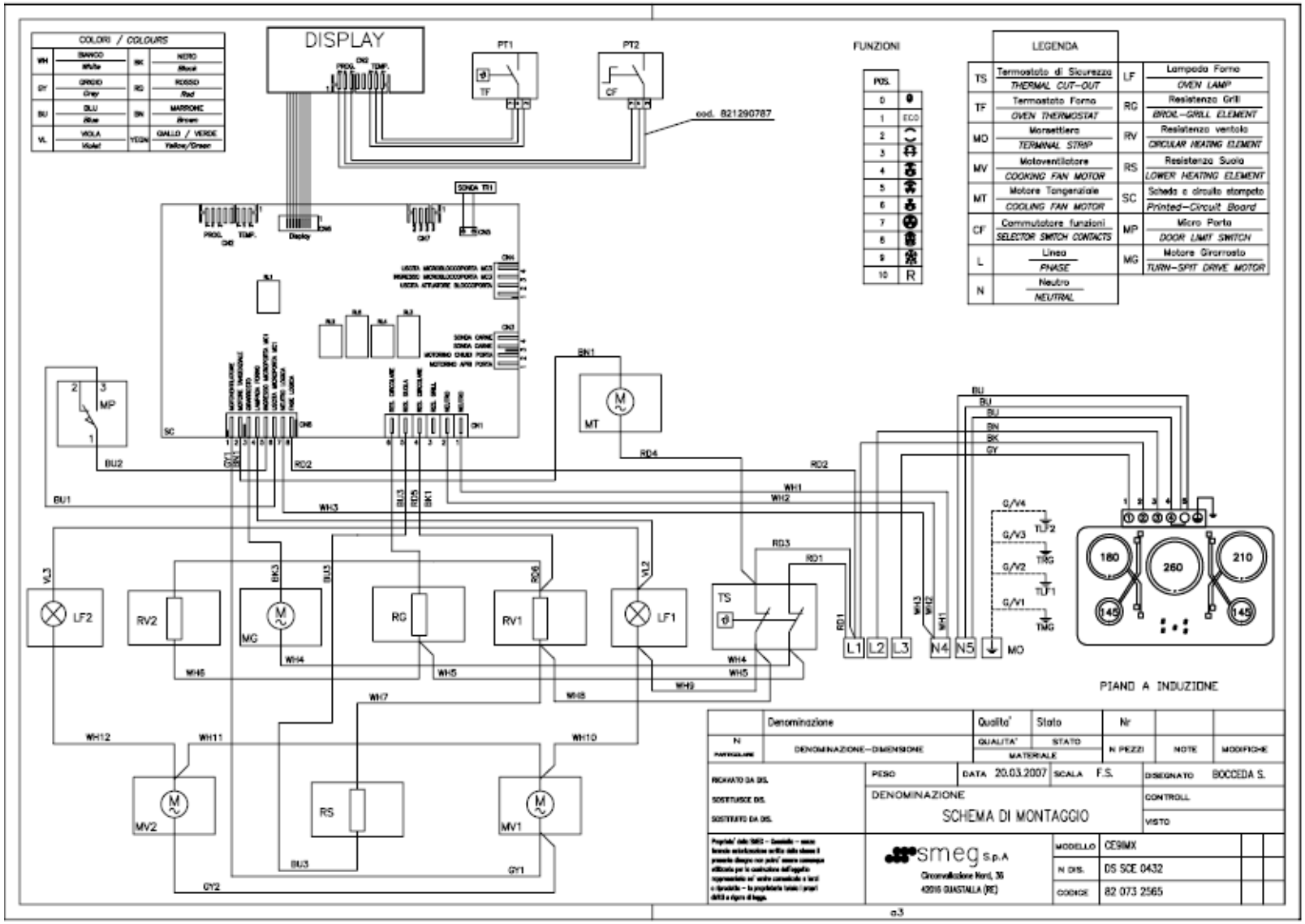
ERROR CODE FOR MODEL CE9IMXA - CONTINUED

ERROR CODE	DESCRIPTION	POSSIBLE ERROR CAUSE	ERROR ELIMINATION
E / 2	Temperature probe detects overheating of induction elements	Cooking zone exceedingly overheated (e.g.: empty pan was used)	Cool the hotplates
E / 5	Filter board error	Faulty filter board	Replace filter board
E / 6	-Power voltage problems	-Missing I2 phase	Check power supply
	-Power board	-Power board faulty	Replace power board
E / 7	Internal communication error	Internal communication error	Replace power board
E / 9	Temperature probe faulty	Mechanical defect or ohmic variation of resistance	Replace probe or inductor
U400	Overvoltage	Appliance connected at 400v	Disconnect and reconnect the appliance to the mains

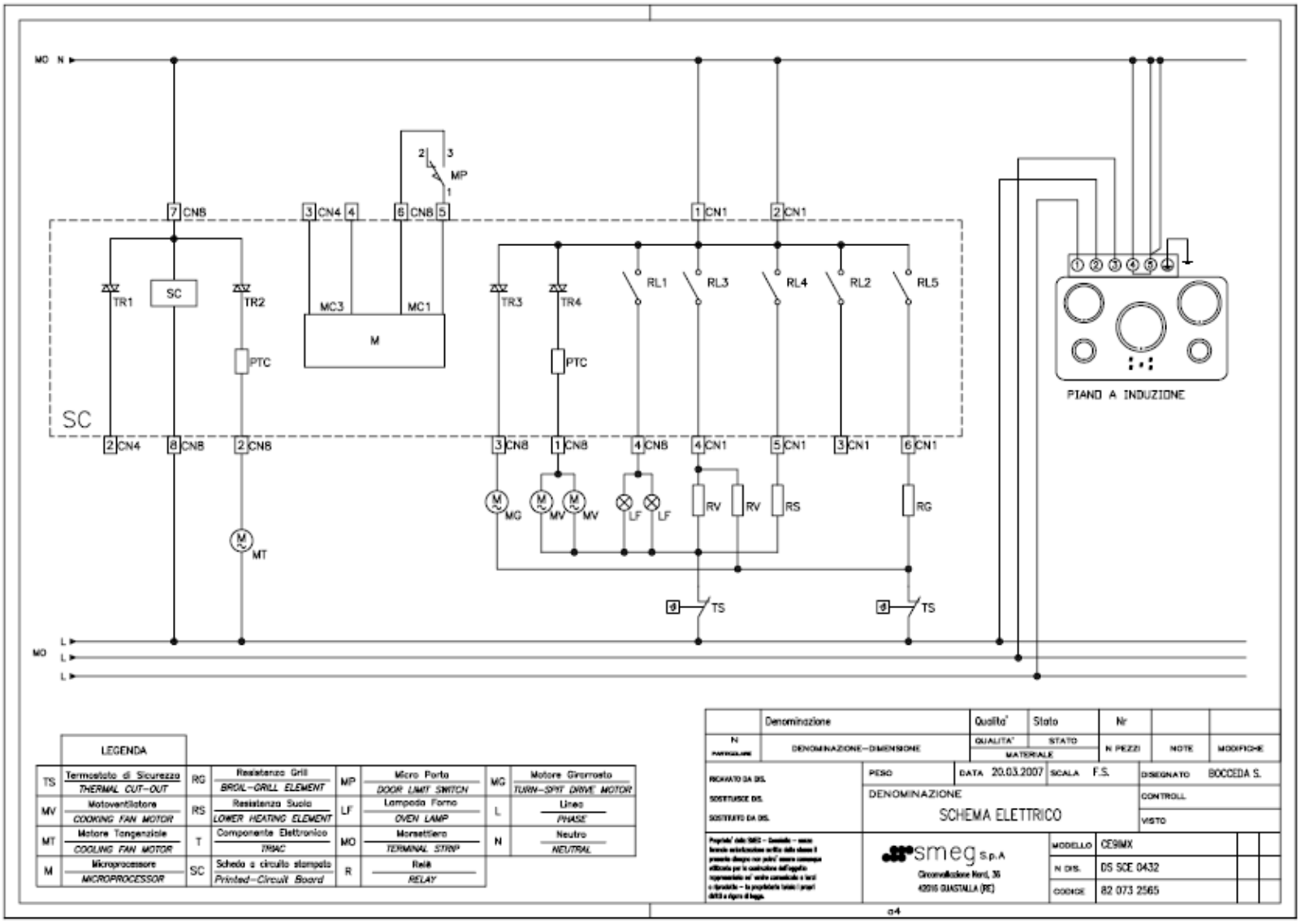
WIRING DIAGRAM FOR MODEL CE9IMXA



WIRING DIAGRAM CONTINUED



WIRING DIAGRAM CONTINUED



LEGENDA							
TS	Termostato di Sicurezza / THERMAL CUT-OUT	RG	Resistenza Grill / BROIL-GRILL ELEMENT	MP	Micro Porta / DOOR LIMIT SWITCH	MG	Motore Girarrosto / TURN-SPIT DRIVE MOTOR
MV	Motoventilatore / COOKING FAN MOTOR	RS	Resistenza Suola / LOWER HEATING ELEMENT	LF	Lampada Forno / OVEN LAMP	L	Linea / PHASE
MT	Motore Tangenziale / COOLING FAN MOTOR	T	Componente Elettronico / TRIAC	MO	Morsettiero / TERMINAL STRIP	N	Neutro / NEUTRAL
M	Microprocessore / MICROPROCESSOR	SC	Scheda a circuito stampato / Printed-Circuit Board	R	Relè / RELAY		

Denominazione	Qualita'	Stato	Nr		
DENOMINAZIONE-DIMENSIONE	QUALITA' MATERIALE	STATO	N PEZZI	NOTE	MODIFICHE

RICAVATO DA DIS.	PESO	DATA 20.03.2007	SCALA F.S.	DISEGNATO BOCCEDA S.
SOSTITUISCE DIS.	DENOMINAZIONE			CONTROLL.
SOSTITUITO DA DIS.	SCHEMA ELETTRICO			VISTO

Proprieta' della SMEG - Divieto - senza formale autorizzazione scritta della stessa il presente disegno non potra' essere comunque utilizzato per la costruzione dell'oggetto rappresentato ne' andra' comunicato a terzi o riprodotto - la proprietaria tutela i propri diritti a norma di legge.

smeg S.p.A
Circonvallazione Nord, 35
42016 GUASTALLA (RE)

MODELLO	CE9IMX
N DIS.	DS SCE 0432
CODICE	82 073 2565

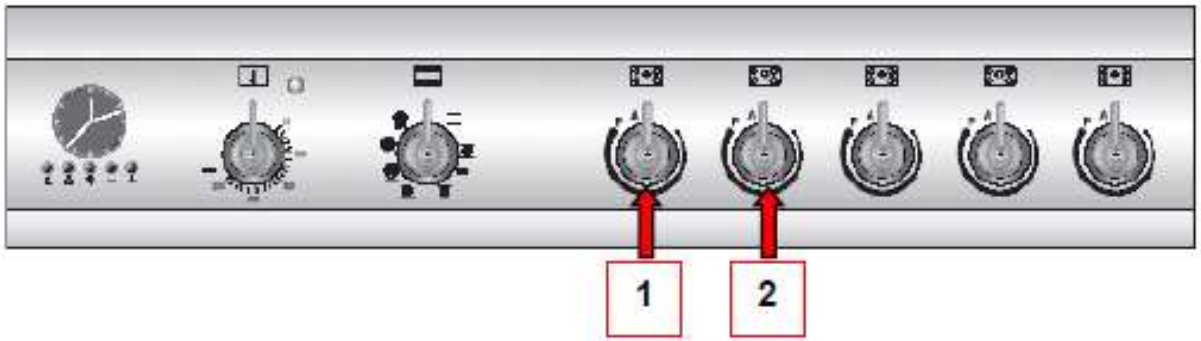
a4

Generator configuration

Caution! This procedure must be carried out only by qualified individuals since incorrect settings can damage the generators.

Note: the following ***generator configuration procedure must be carried out in the case of Err31.***
It is not necessary to configure the hotplate(s) in the case of replacement.

To access the service menu…

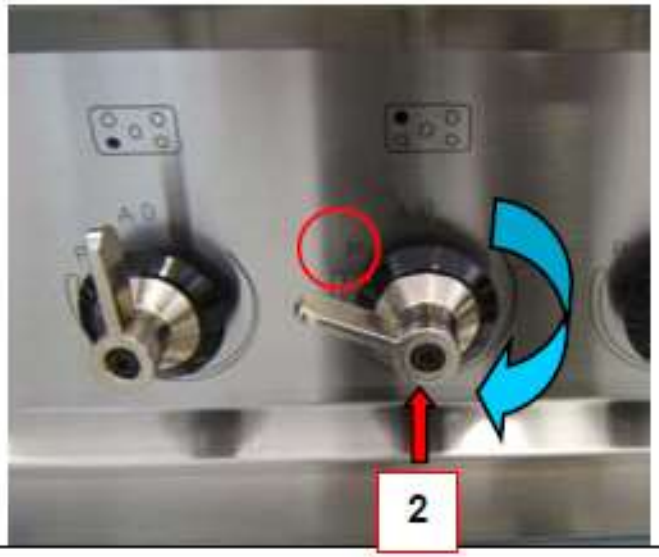


The configuration procedure for all cookers equipped with an EGO G4 technology induction hob must be carried out using the two knobs shown above.

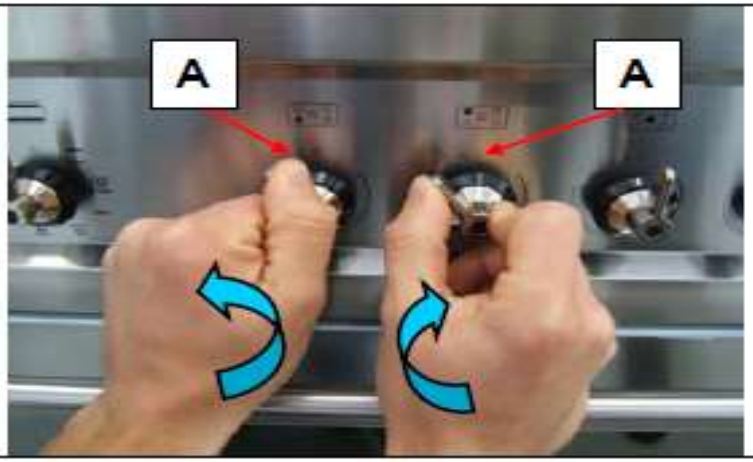
PROCEED AS FOLLOWS:

1- disconnect the appliance from the electricity supply *for at least 1 minute* (so that the circuit boards is no longer powered).

START-UP CONDITION



2- Turn the knob 2 clockwise to P.



3- Reconnect the appliance and within 5 seconds turn the following simultaneously:
knob 1 anti-clockwise to A and knob 2 clockwise to A until....

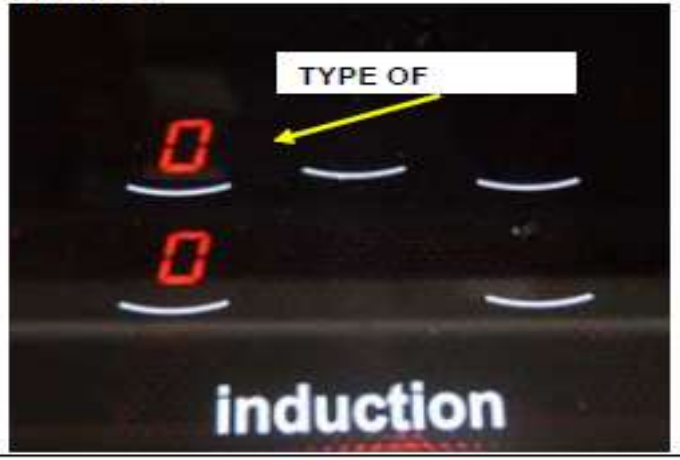
Caution! Perform this procedure within 5 seconds in order to avoid exiting from the configuration

4- ...all the LED segments light up
(in other words, five 8's are displayed)

5- The display now shows a C flashing at the top left and a 0 continuously lit at the bottom left

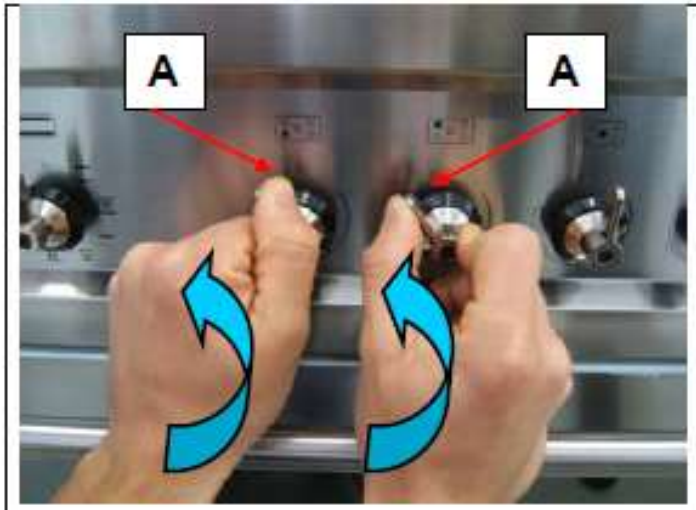
PHOTO 1

PHOTO 2



6- Turning knob **1** changes the software type.
Therefore turn the knob **1** clockwise in order to select the Smeg software configuration, in other words 0 (PHOTO 2 – software type) .

7- Turn knob **2** to **0** and make sure that knob **1** is on **0. (in an anti-clockwise direction)**



8- Now turn both knobs (**1 and 2**) to A (anti-clockwise direction) and keep them pressed until the following appear on the display in the specified sequence:

→ *series of flashing segments*

→ *series of flashing zeroes*

→ *series of flashing eights*

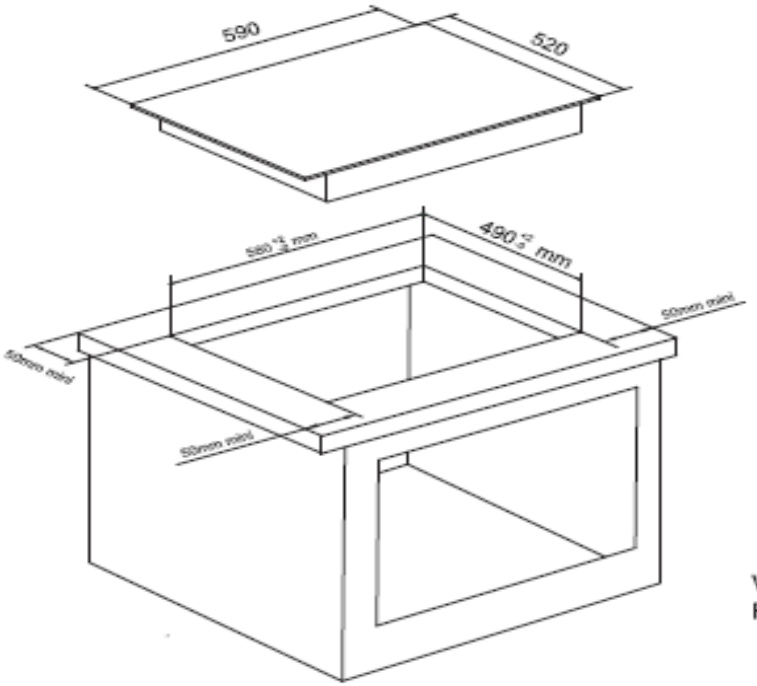
10- Now release the knobs, the display will show all zeroes continuously lit for a few seconds.

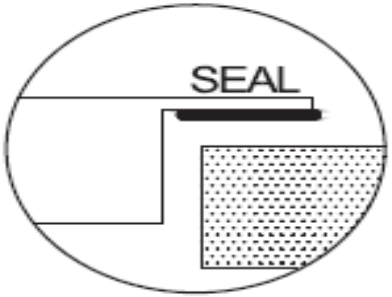
Wait a few seconds until the display switches off automatically.
Configuration completed.

Check that the hob is working correctly.

COOKTOPS

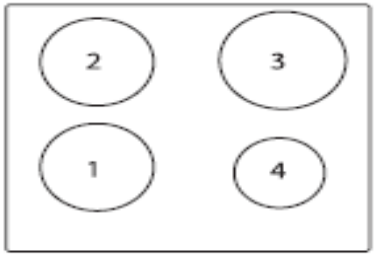
INDUCTION COOKTOPS – CLF64ID, KF20.1 & BKGECE6006





Voltage : 220-240V~
Frequency: 50/60Hz

Model : BHI610 / KF20.1 / BKGECE6006 / CLF64ID
GECE6006 / GECE7006 / BACE6006 / BACE7006 / BHI710
PHI644 / PI645



Heating zone	Normal	Boost
1	2000 W	2800 W
2	1500 W	2000 W
3	2000 W	2800 W
4	1500 W	2000 W

The Induction hob is equipped with a self diagnostic function. With this test the technician is able to check the function of several components without disassembling or dismounting the hob from the working surface.

Troubleshooting:

1〉 Failure code occur during customer using.

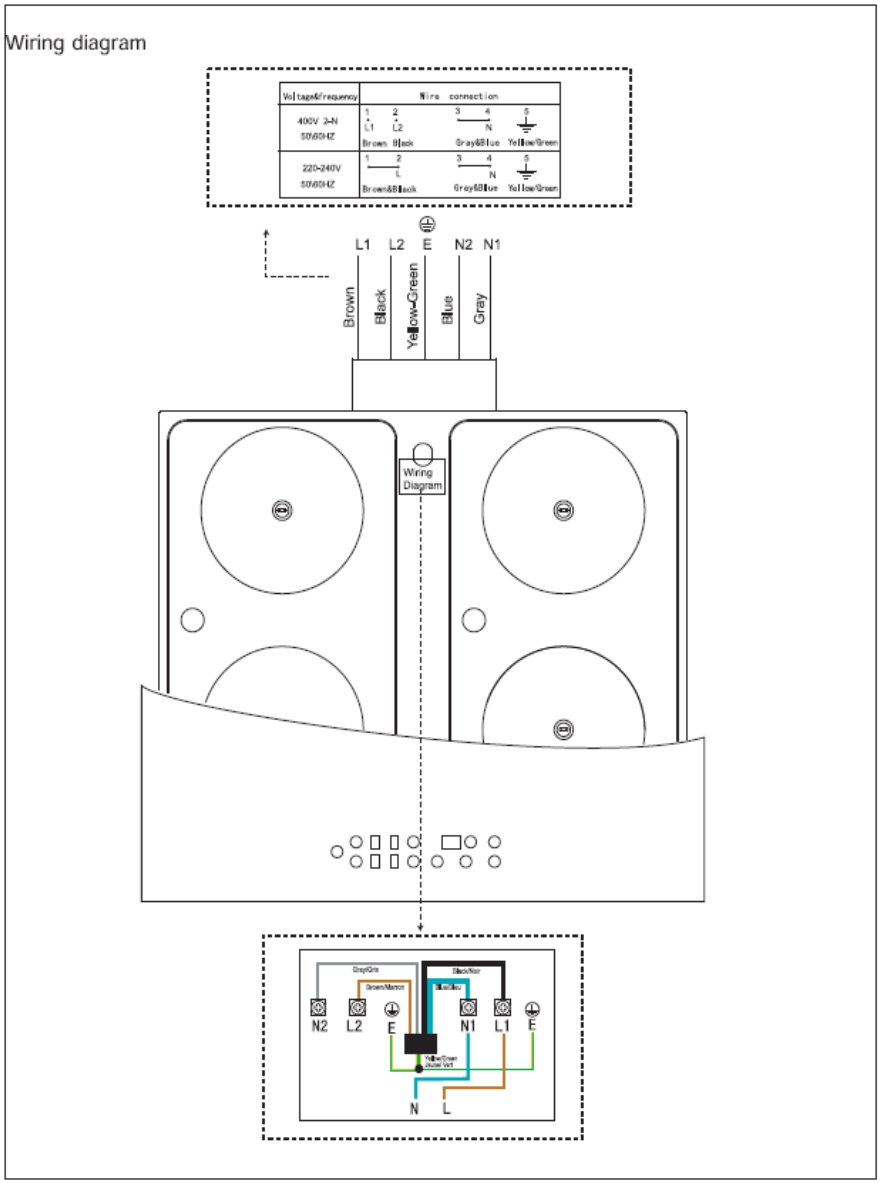
2〉 Solution A is as following:

3〉 If the problem can't be settled by solution A, solution B can be used.

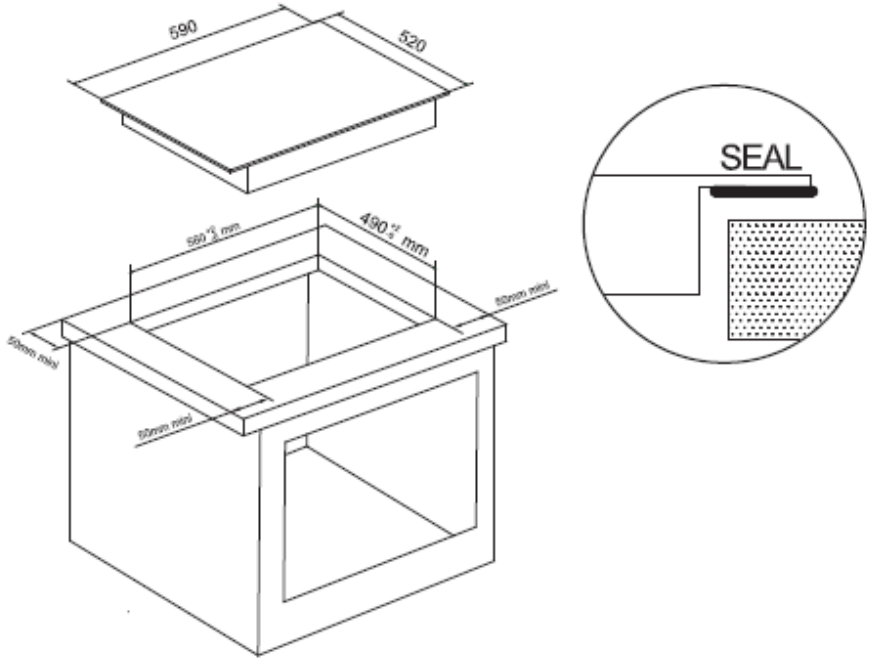
Failure code	Problem	Solution
E1/E2	Abnormal voltage in power supply.	Power on after power supply returns to normal.
E3/E4	High temperature of the plate.	Restart when hob cools down.
E5/E6	High temperature of the hob.	Restart when hob cools down.
F3/F4/F5/F6/F7/F8	Thermistor component failure.	Check the connection or replace the thermistor component.
F9/FA/FB/FC/FD/FE	IGBT temperature sensor failure.	Replace the power board.

Failure	Problem	Solution A	Solution B
After power is supplied, the buttons, the LED and the buzzer can't work.	Connection failure	Check the connection	
	The right power board is damaged.	Replace the right power board.	Replace the two power boards.
	The display board is damaged.	Replace the display board.	
After power is supplied, some of the buttons can't work, but the LED and the buzzer works normally.	The display board is damaged.	Replace the display board.	
After power is supplied, the buttons, LED, and buzzer in the display board work normally. But the hobs don't work..	Connection failure	Check the connection.	
	The power board is damaged.	Replace the power board.	
	High temperature of the hob.	Restart when the hob cools down.	
One of the heating zones display "u".	Material of the Pot is abnormal	Use the proper pot (refer to the instruction manual.)	Pot detection circuit is damaged, replace the power board.
	Pot diameter is too small		
	High temperature of the hob.	Restart when the hob cools down.	
Heating zones of the same side (Such as 1 and 2 heating zones) display "u" simultaneously.	Connection failure	Check the connection.	
	Thermal protectors failure.	Check the connection, or replace the thermal protectors.	Replace the power board.
	The power board is damaged.	Replace the power board.	

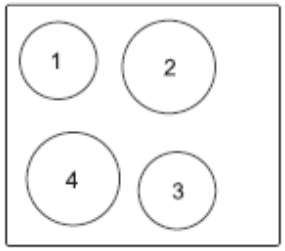
WIRING DIAGRAM FOR CLF64ID, KF20.1 & BKGECE6006



CERAMIC COOKTOP – CLS64B, BK10B & BKGECE6002



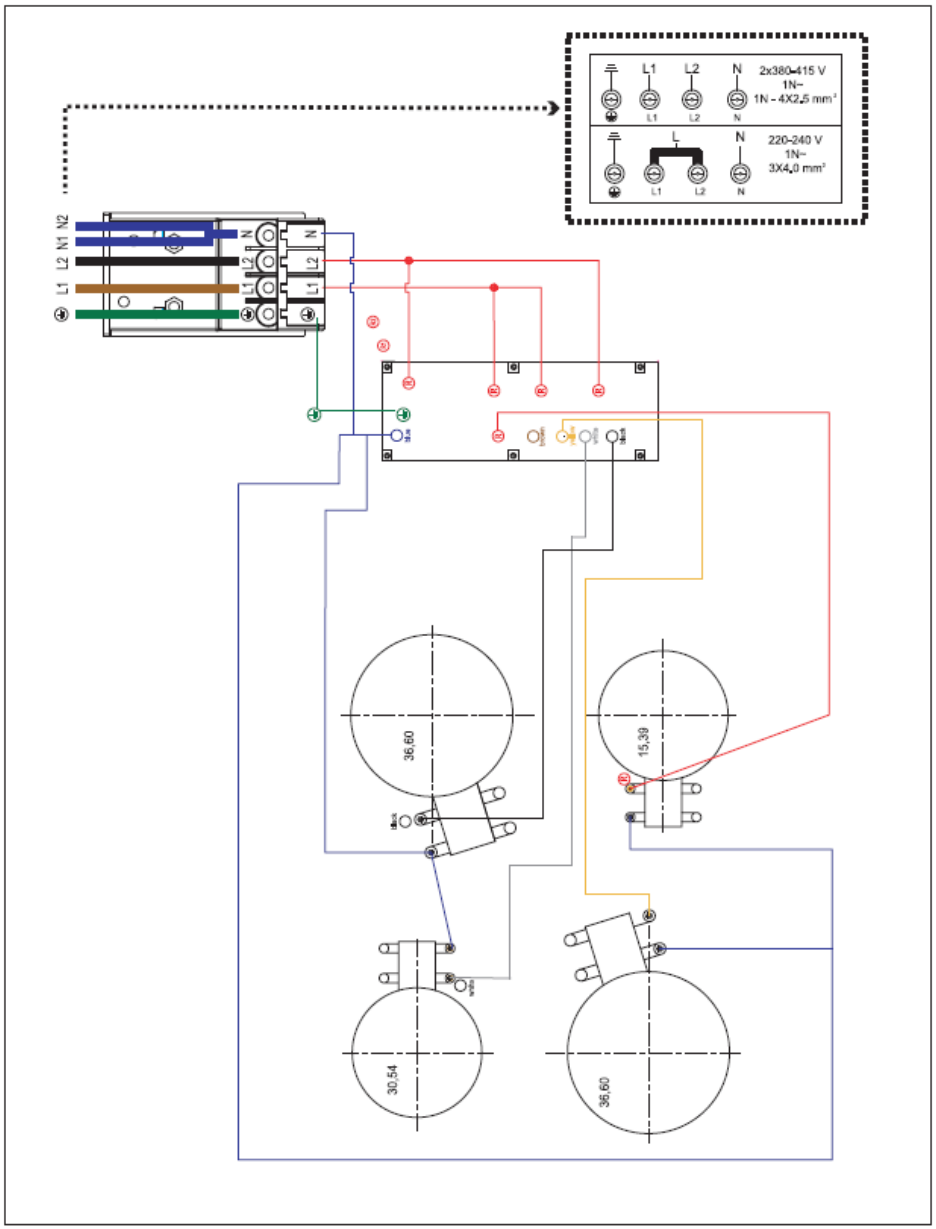
Model :BK10B / HOC600HOB / GECE6002 /BKGECE6002 / CLS64B



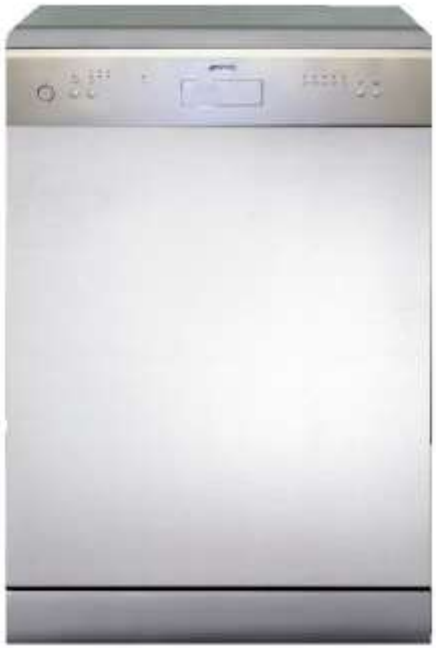
Heating zone	1	2	3	4
Size (mm)	ø 165	ø 200	ø 165	ø 200
Power	1200 W	1800 W	1200 W	1800 W

Voltage : 220-240V~ Frequency: 50/60Hz

WIRING DIAGRAM FOR CLS64B, BK10B & BKGECE6002



SMEG DISHWASHERS



Symptoms: Dishes are not coming out clean

Reminder: Check the filter has been cleaned, remove the filter and clean with a scrubbing brush and then place back into the dishwasher. Re-run the cycle.

Try and avoid a service call by trying this fix over the phone with the customer as this is not covered under warranty.

ST663 – series SNZ643 / SNZ653

Soap dispenser coil open circuit

Fault on the unit without an error code showing up:

Fault:

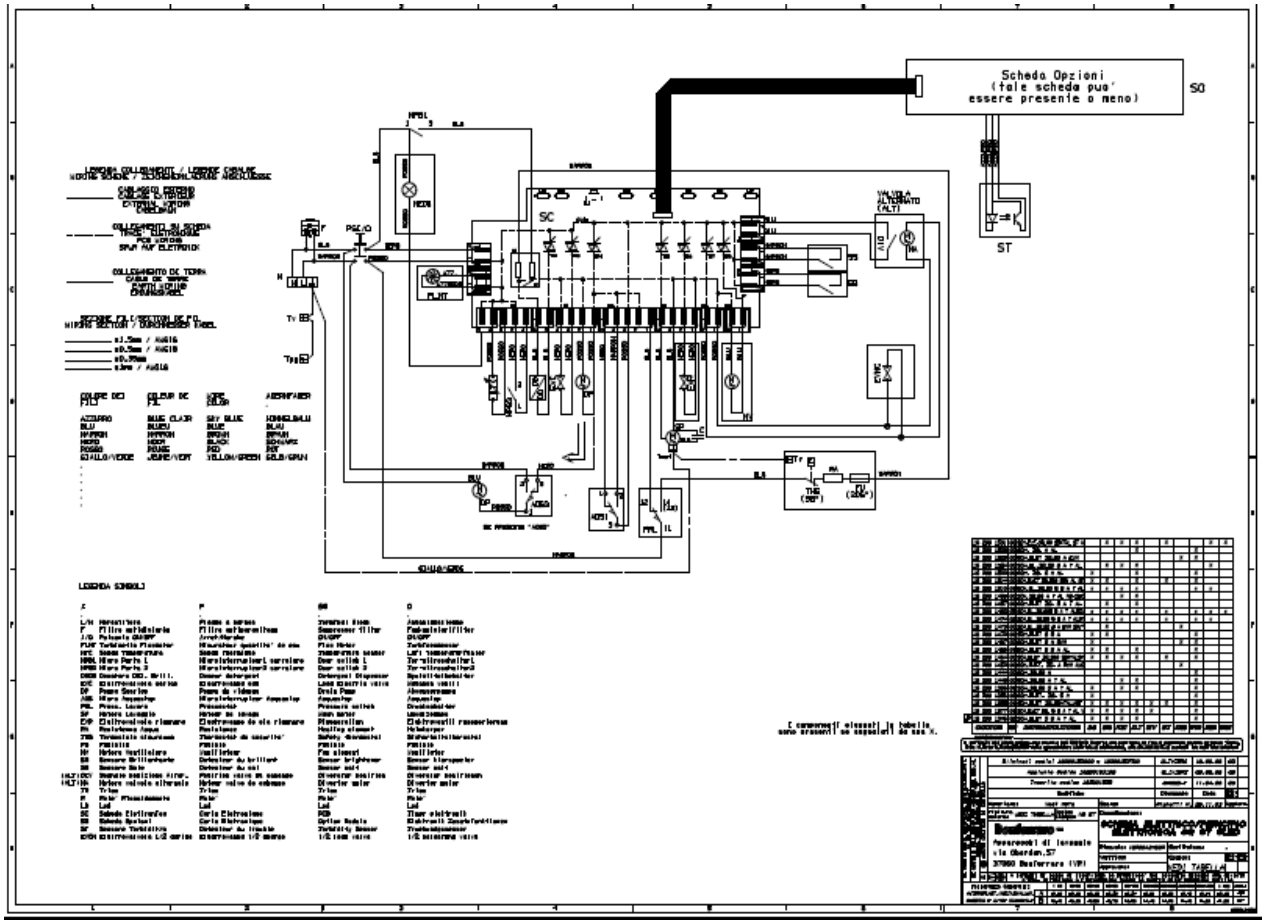
1. Drain pump is running intermittently
2. Start button works when pressed, but when released the machine stops working.

E7

Flow meter / turbine faulty - refer to pages 79 & 80 for resetting Error code 7

SNZ653S/ ST93P – TIME DELAY

STH905 WIRING DIAGRAM



PROGRAMMES – STO905 & STH905

Rif. SW	Nome	Pre lavaggio		Lavaggio					Lav. Pozz	1° Risc.	2° Risc.	Risciacq				Ascig.
		Temp.	Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio		Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio	
		°C	min	min	°C	min	°C	min		min	min	°C	min	°C	min	min
1	Ammollo		12													
3	Breve_Alternato				38	6				4		58				
72	Auto 40 50	10			40	4	55	20	Si	6		68				12
43	Eco			6	49	6	55	8	Si	8		68				12
36	SGRASSA	Vedi Sotto														
12	Risciacquo									6		68				12
5	Delicato		4		45	10				6		68				12
73	Auto 60 70	10			50	4	65	20	Si	6		70				12
42	Bio_LS90		18	2	48	15	53	20	Si	18		67	5			50
11	Super	45	8		70	16			Si	6	6	70				12

Rif. SW	Nome	Pre		1° Lavaggio					2° Lavaggio					1° Risc.	Ascig.
		Temp.	Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio	Lavaggio	
		°C	min	min	°C	min	°C	min	min	°C	min	°C	min	min	min
36	SGRASSA						65	4	1			73	2	2	0

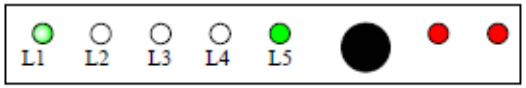
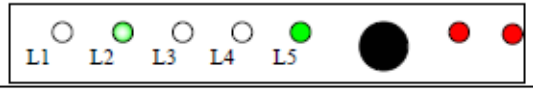
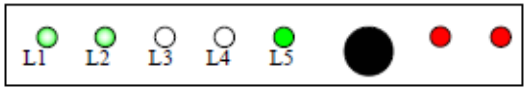
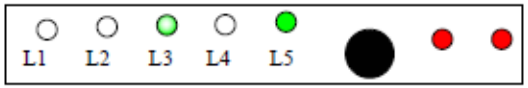
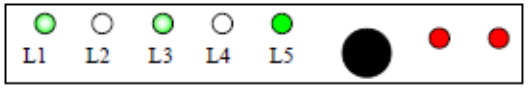
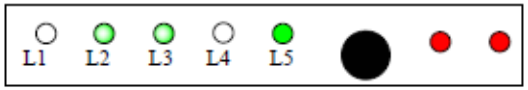
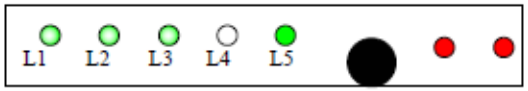
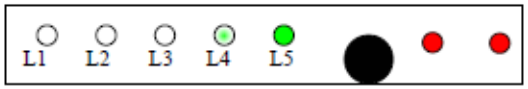
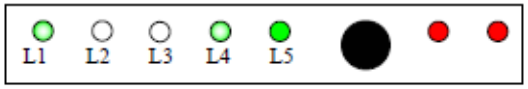
1st LOAD

Action	Impulses
Loading with motor OFF	500
Loading with motor ON	676
Loading with motor ON	Level Wait

SUBSEQUENT LOADS

Action	Impulses
Loading with motor OFF	500
Loading with motor ON	551
Loading with motor ON	Level Wait

ERROR CODES – STO905 & STH905

Alarm/Indication	Display
E1 - Acquastop Failure	
E2 – Safety Level	
E3 – Does not heat	
E4 – NTC disconnected	
E5 – Does not load	
E6 – Does not drain	
E7 – Turbine Flow Meter Failure	
E8 – Alternate Valve Failure	
E9 – Load limit level exceeded	

PROCEDURE PRIOR TO REPLACING THE SMEG ELECTRONIC BOARDS ON OLD GENERATION DWS

For any irregularity found on the appliance, you must perform the following checks prior to replacing the electronic board (e.g. **696290726, 816290365 or 0672):**

BOARD SYMPTOM	CHECK	PERFORM	NOTES
On appliances **without turbine flow meter**, the first 3 leds of the led board flash, the 4th is off and the 5th is on.	open the door, activate the on/off button and press the programme button 4 times within 3 seconds (enters the test cycle). if the first and last leds flash, the board has been configured to recognize the turbine flow meter.	press the programme button once. the first led will stop flashing and there remains the last to the right. this way the board understands the appliance does not have a turbine flow meter.	switch off the appliance and repeat the procedure to exit the test cycle. then check operation by setting the soak cycle. please note that the problem may occur some time after the new appliance has been installed or the new board replaced
the board **does not accept commands** (stays blocked on P0 or P1)		replace the wash motor capacitor if in aluminium.	the problem is caused by a fault that occurred in the production process of aluminium capacitors over a certain period of time. the problem was solved by the supplier. The faulty capacitor caused the pcb to not accept any command.
E2 appears when you mount a new 3 button board (p/n 696290726 mod.ST971 and ST972)	that the dws production date is prior to september 1998		for dws produced up to september 1998, together with the board you must also replace the water intake solenoid valve p/n 813050120 for model st971 or the pressure reducer p/n 766970048 in case of acquastop hose (technical info: LVS-TI2003-01)
Display is unreadable	if the board has the moisture guard and black buttons	replace board and front panel assembly	the cause is water infiltration in the board. it is important you make the described change to avoid the problem is repeated on the new board.
Error E8 in the first minutes of operation (in some fully- and semi-integrated models).	that there is no false contact inside the connector on the side of the alternate valve, under the sump	extract the fastion connection and reposition, pushing it to the end.	the so-called "cigarette" connector is located under the appliance, close to the alternate valve. Changing the alternate valve will not solve the problem.

BOARD SYMPTOM	CHECK	PERFORM	NOTES
Though it accepts commands, the board does not perform any function	with the tester in ohm, that the detergent dispenser actuator is not short-circuited	replace the detergent dispenser with one with a traditional coil	**ATTENTION**: attention: in this case the triac of the new board will blow again if you do not replace the detergent dispenser. (1) we recommend you mount the dispenser with the coil and not the one with thermal actuator (red colour)
Programme starts, drains **for a few seconds then everything stops**	with the tester in ohm, that the detergent dispenser coil or actuator is not interrupted	replace the detergent dispenser with one with a traditional coil.	replacing the dispenser solves the problem. we recommend you mount the dispenser with the coil and not the one with thermal actuator (red colour)
Display show **symbols that do not correspond** to alarms or programmes and wash options	that the board is not in the test cycle	the complete test cycle (2)	remember the test cycle can be accidentally called by the user: you can solve this problem by bringing the cycle to the end.
LED with **combinations that do not correspond** to alarms or wash programmes or options			
Cannot be programmed / is blocked		a test cycle (2)	Some electromagnetic interferences may temporarily block the board; you can reset it with the test cycle
display shows error codes e1-e2-etc...	that the indicated component is in fact faulty		if the component works, that does not mean the problem lies with the board. try to think of which other interconnected components are involved in operation. example: E3 = heating element-ntc-motor-capacitor-upper spray arm (hot water does not heat ntc)
leds indicate error codes e1-e2-etc....			
DWS653 and equivalent models: board does not accept commands	that the connector between option board and mother board is not oxidated		the soldered tracks on the options board are too raised and cause false contacts. level off with a fine file and replace the multiwire connector or replace the options board and the connector. .
Display shows 05 (remaining time) and the appliance continuously proceeds the wash cycle anyway updating the remaining time	-with electronic tool inside the tank, that the dws is able to heat water at least to 65°C, -heating element, -connexions	Replace the heating element (outside tank)	The thermostat with automatic reactivation (95°C), included into the heating element, could intervene the water temperature reaches at least 65°C.
	Relay on the program board has not blackenings or burnings	Replace the program board	

(1)Finally, it is important to keep in mind that if a board is found to have even just one blown component, the cause is external to the board and must be identified to prevent the new board from being similarly damaged.

(2) Please remember that the electronic board test cycles are much alike but not identical. for correct fault diagnosis, it is therefore important you use for each board the corresponding service manual available on www.applico.co.nz

ERROR CODES – SA8210BI & SA8605BI – NEW BUILT UNDER DISHWASHERS

Alarm	Alarm/Indication	Display
E1	The anti-flood system was activated (where present)	L1 ○ L2 ○ L3 ○ L4 ● L5
E2	The water level control system was activated (safety assembly)	L1 ○ L2 ● L3 ○ L4 ○ L5 ●
E3	Does not heat	L1 ● L2 ● L3 ○ L4 ○ L5 ●
E4	Temperature probe disconnected	L1 ○ L2 ○ L3 ● L4 ○ L5 ●
E5	Does not load	L1 ● L2 ○ L3 ● L4 ○ L5 ●
E6	Does not drain	L1 ○ L2 ● L3 ● L4 ○ L5 ●
E7	Abnormal functioning of the Turbine Flow Meter litre-counter (flow meter only)	L1 ● L2 ● L3 ● L4 ○ L5 ●
E8	Abnormal functioning of the alternate valve (alternate wash only)	L1 ○ L2 ○ L3 ○ L4 ● L5 ●
E9	Load limit level exceeded (flow meter only)	L1 ● L2 ○ L3 ○ L4 ● L5 ●

MODEL: SA8605BI

MODEL: SA8210BI

PROGRAMMES – SA8210BI

Rif. SW	Nome	Pre lavaggio		Lavaggio					Lav. Pozz	1° Risc.	2° Risc.	Risciacquo				Ascig.
		Temp.	Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio		Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio	
		°C	min	min	°C	min	°C	min		min	min	°C	min	°C	min	min
1	Ammollo		12													
65	AUS_4star		30				45	40	60			45	5			45
43	Eco			6	49	6	55	8	Si	8		69				12
8	Normale		8		65	16			Si	8		69				12
11	Super	45	8		70	16			Si	6	6	70				12

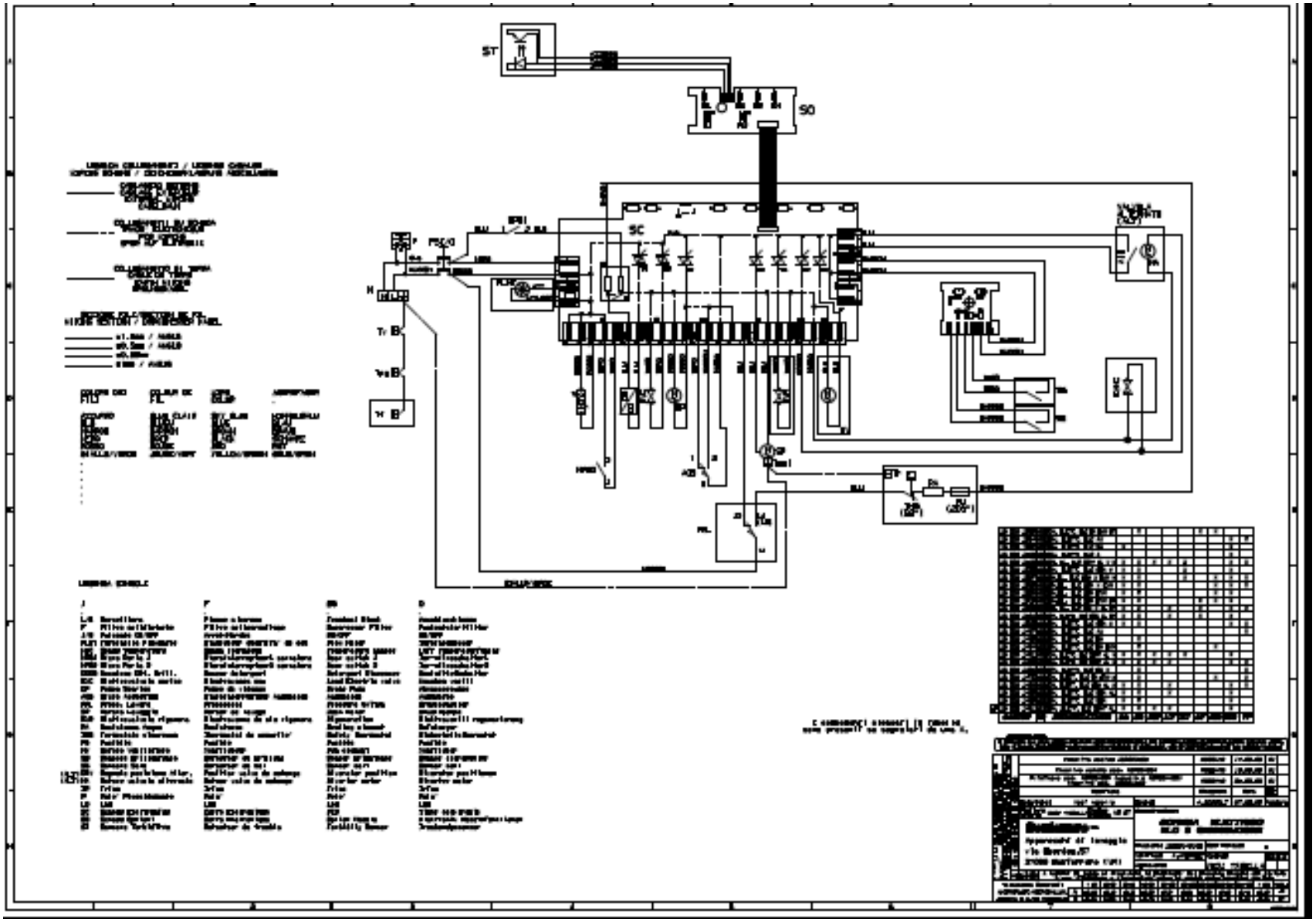
Attention: where foreseen the wash well is so formed: 1' PL ON; 30" LOADED; at second 40" PL Off for 4"

Loading mode

1st LOAD	
Action	[ss]
Load with motor OFF	30
Load with motor ON	68
Load with motor ON	Standby Level

SUBSEQUENT LOADS	
Action	[ss]
Load with motor OFF	30
Load with motor ON	60
Load with motor ON	Standby Level

SA8210BI WIRING DIAGRAM

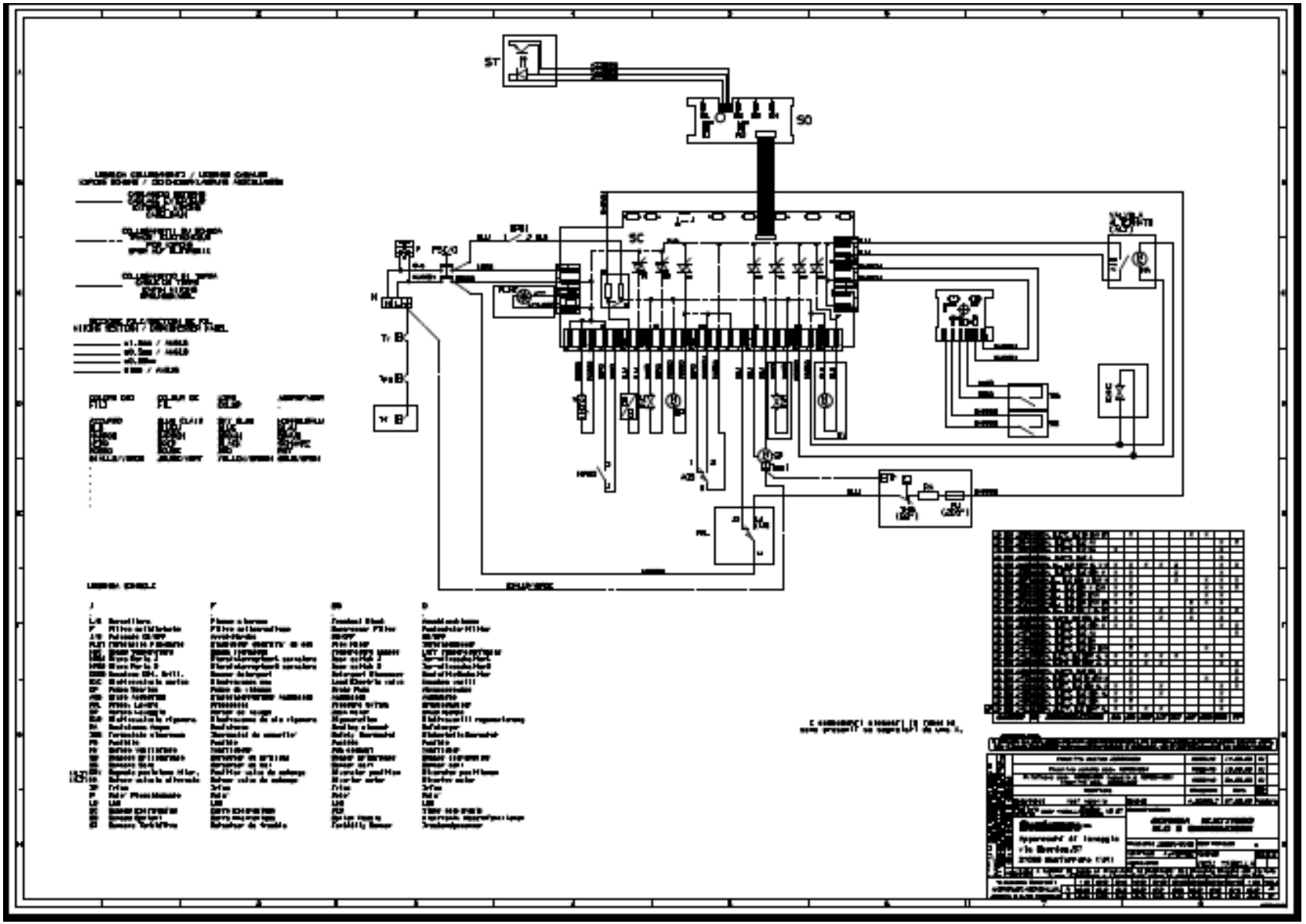


PROGRAMMES – SA8605BI

		Pre lavaggio		Lavaggio						1° Risc.	2° Risc.	Risciacquo				
	Nome	Temp.	Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio	Lav. Pozz	Lavaggio	Lavaggio	1° Temp.	Lavaggio	2° temp	Lavaggio	Ascig.
Rif. SW		°C	min	min	°C	min	°C	min		min	min	°C	min	°C	min	min
1	Ammollo		12													
65	AUS_4star		30				45	40	60			45	5			45
11	Super + sani	45	8		70	16			Si	6	6	70	10			12
6	Quotidiano				65	16			Si	8		69				12
8	Normale		8		65	16			Si	8		69				12

Attention: where foreseen the wash well is so formed: 1' PL ON; 30" LOADED; at second 40" PL Off for 4"

SA8605BI WIRING DIAGRAM

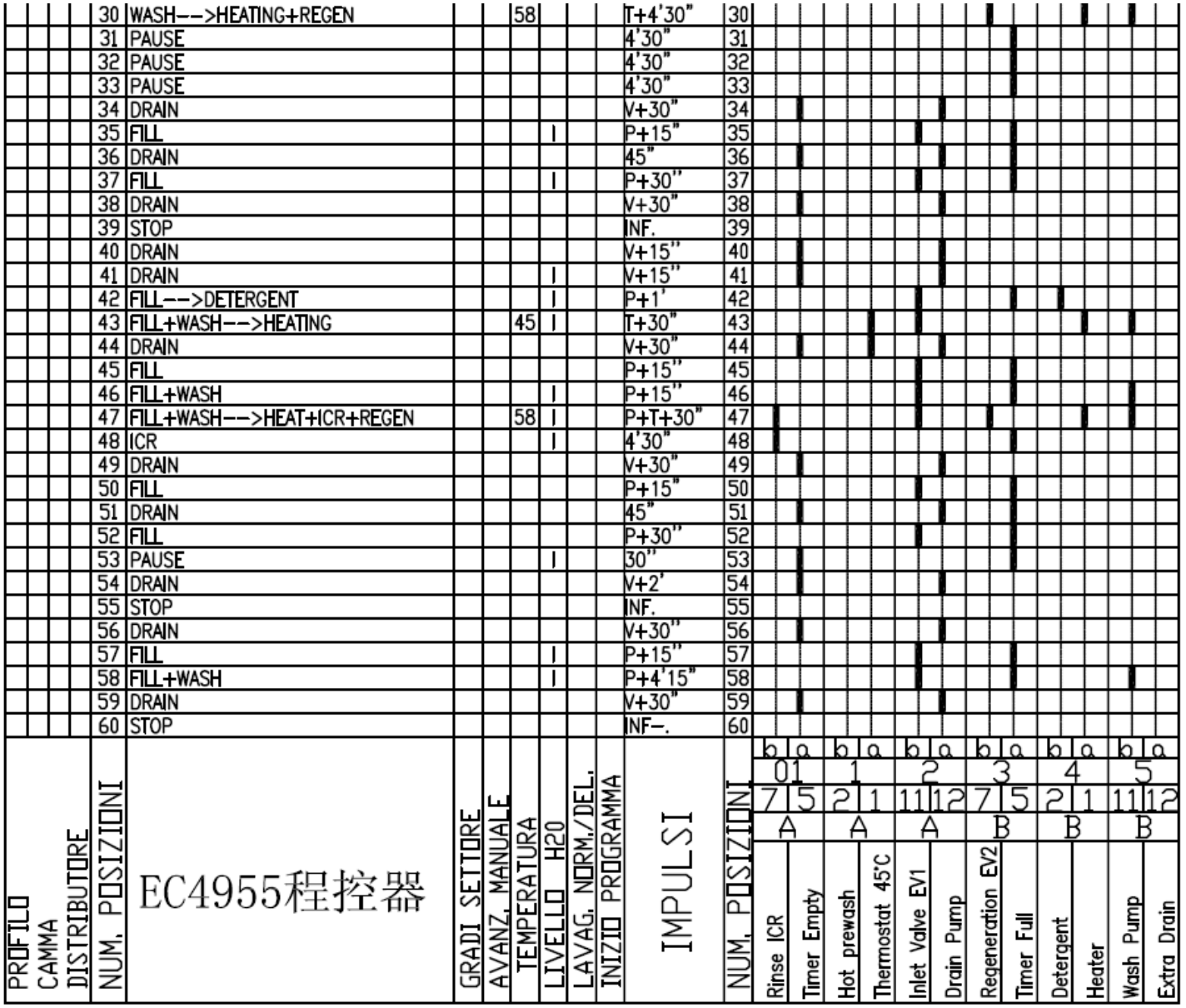


BAUMATIC DISHWASHERS

BKD46 TIMER CHART

| | | |

BKD46 TIMER CHART CONTINUED



NUM. POSIZIONI		GRADI SETTORE	AVANZ. MANUALE	TEMPERATURA	LIVELLO H20	LAVAG. NORM./DEL.	INIZIO PROGRAMMA	NUM. POSIZIONI
30	WASH-->HEATING+REGEN		58				T+4'30"	30
31	PAUSE						4'30"	31
32	PAUSE						4'30"	32
33	PAUSE						4'30"	33
34	DRAIN						V+30"	34
35	FILL				I		P+15"	35
36	DRAIN						45"	36
37	FILL				I		P+30"	37
38	DRAIN						V+30"	38
39	STOP						INF.	39
40	DRAIN						V+15"	40
41	DRAIN				I		V+15"	41
42	FILL-->DETERGENT				I		P+1'	42
43	FILL+WASH-->HEATING		45		I		T+30"	43
44	DRAIN						V+30"	44
45	FILL						P+15"	45
46	FILL+WASH				I		P+15"	46
47	FILL+WASH-->HEAT+ICR+REGEN		58		I		P+T+30"	47
48	ICR				I		4'30"	48
49	DRAIN						V+30"	49
50	FILL						P+15"	50
51	DRAIN						45"	51
52	FILL						P+30"	52
53	PAUSE				I		30"	53
54	DRAIN						V+2'	54
55	STOP						INF.	55
56	DRAIN						V+30"	56
57	FILL				I		P+15"	57
58	FILL+WASH				I		P+4'15"	58
59	DRAIN						V+30"	59
60	STOP						INF-.	60

PROFILO CAMMA DISTRIBUTORE

EC4955程控器

IMPULSI

b	a	b	a	b	a	b	a	b	a	b	a
01		1		2		3		4		5	
7	5	2	1	11	12	7	5	2	1	11	12
A		A		A		B		B		B	

Rinse ICR
Timer Empty
Hot prewash
Thermostat 45°C
Inlet Valve EV1
Drain Pump
Regeneration EV2
Timer Full
Detergent
Heater
Wash Pump
Extra Drain

BAUMATIC & CLASSIQUE DISHWASHER IMPROVEMENTS

- More coarse filter
- If under filling, heating element wont work making it safer
- Water counter – improved accuracy of water intake
- Drain pump directly installed to sump, making it more hygienic
- Temp sensor directly attached to the pump giving better control of the water temperature

HOW TO ACTIVATE THE TEST PROGRAMME

Test Program Operation	
Model	9260B
How to activate Test Program	With door closed, Start/Pause + Power
Start Test Program	Start/Pause
Jump into next step	Start/Pause
E1	Eco
E2	-
E3	Normal + Eco
E4	Intensive
E6	Intensive + Normal
E7	Intensive + Normal + Eco

Description

To activate Test Program, with the door closed and machine off, hold down the Start/Pause button and press the POWER button until the machine enter into Test Program. The appliance will pause and stand by(as step 00). Then press Start/Pause button to start Test Program.

During test program running, you can press Start/Pause button to jump into next step (except inlet valve step).

To know which error code has occurred, take error 7 for example, if the error 7 has happened, the buzzer would alarm for 30 seconds and the Intensive, Normal and Eco indicators would flash simultaneously. Other error alarms can be deduced from this.

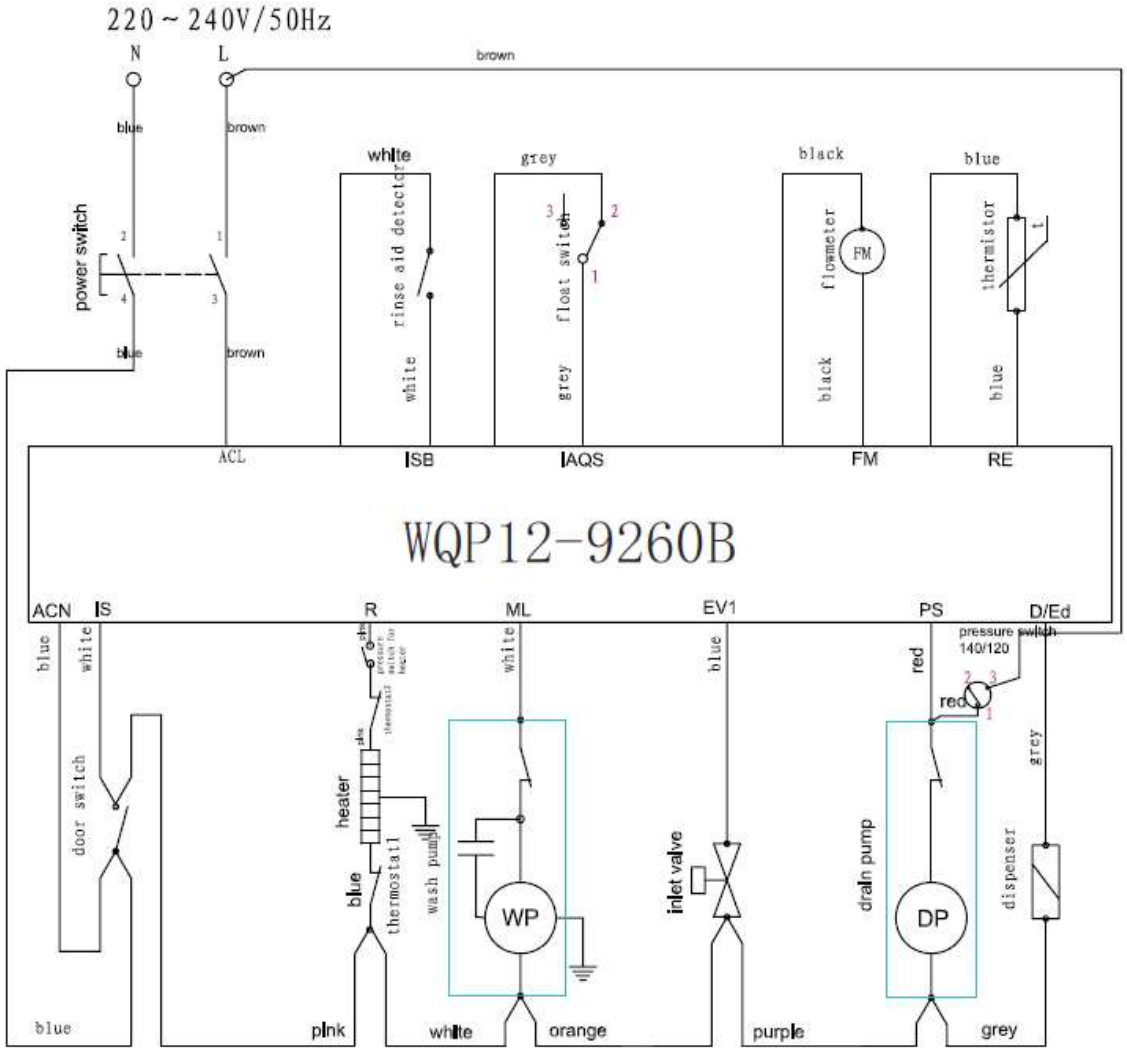
CLD60/CL45D/BKDW60/BKDW45

Procedure of Test Program (for models controlling water filling by flowmeter)			
No.	Display on the screen	Process	Description
0	8:88 88	Initialization	Power on, stand by
1	0A	Inlet Valve	Open inlet valve and feeds with 3.6L water(45cm models feeds with 2.8L). If model is equipped with diverter, the divter will move to position rotating both upper and lower spray arm.
2	09	Washing Pump and Dispenser	Dispenser will act once and washing pump will run for 60s in this step.
3	04	Heating Element	Run washing pump and heating element until the water temperature reaches 60°C. Then the machine will pause. If model is equipped with diverter, two spray arm would rotate alternatively. Press corresponding button to jump into the next step.
4	05	Drain Pump	Drain for 60s.
5	06	Pause	Pause for 15s.
6	05	Inlet Valve	Open inlet valve and feeds with 3.6L water(45cm models feeds with 2.8L). If model is equipped with fan, the fan would work in this step. If modes is equipped with turbidity senser (auto washing program), the defference-value of turbidity would be shown on display.

CLD60/CL45D/BKDW60/BKDW45 TEST PROGRAMME CONTINUED

		models equipped without diverter		models equipped with diverter	
		process	description	process	description
7	04	Washing Pump	Run washing pump for 3 mins.	Washing Pump	Run washing pumo for 3 mins, and the diverter will be positioned in place rotating upper spray arm only.
8	03	Pause	Pause for 5s. If model is equipped with half load valve, the half load valve would be working during this step.	Washing Pump	Run washing pumo for 3 mins, and the diverter will be positioned in place rotating lower spray arm only.
9	02	Washing pump and Half Load Valve	Run washing pump for 3 mins. If model is equipped with half load valve, the half load valve would be working during this step.	Washing Pump	Run washing pumo for 2 mins, and the diverter will be positioned in place rotating both upper and lower spray arm.
10	01	Drain Pump and Regeneration	Open regenaeration valve and drain for 60s.		
11	F*	finish	Buzz one sound, stop, and stand by.		

CLD60SS WIRING DIAGRAM



CLD60/CL45D/BKDW60/BKDW45 ERROR CODES

How does the appliance react when error code occurred

E1 Water filling exceed pre-set time

For the models controlling water filling by flow meter.

If the inlet valve has been opened for 4 minutes but the water quantity hasn't reached the desired value(measure by pluses), E1 would occur.
When E1 occurs, the drain pump will run until flowmeter keep motionless for 2 minutes and all the other components will be stopped immediately. At the same time, the buzzer will alarm for 30 seconds and error 1 will be shown.

E3 Heating exceed pre-set time

If the heating element has been working for 60 minutes but the water temperature detected by NTC hasn't reached desired value. E3 would occur.

When E3 occurs, the drain pump will run until flowmeter keep motionless for 2 minutes (if the model with the pressure switch (83/63),drain pump would run till the pressure switch reset and continue draining for 60 seconds.) and all the other components will be stopped immediately. At the same time, the buzzer will alarm for 30 seconds and the error 3 will be shown.

CLD60/CL45D/BKDW60/BKDW45 ERROR CODES

E4 Overflow

At any time, if overflow micro-switch act and keep for longer than 2 seconds, the E4 would occur. When E4 occurs, the drain pump will run until flowmeter keep motionless for 2 minutes (if the model with the pressure switch (83/63),drain pump would run till the pressure switch reset and continue draining for 60 seconds.) and all the other components will be stopped immediately. At the same time, the buzzer will alarm for 30 seconds and error 4 will be shown.

Note: Priority level of E4 is the highest. E4 operation is valid after other error operations

E6 Open-circuit failure of thermistor

In test program, once open-circuit failure of thermistor is detected by controller, the E6 would occur. When E6 occurs, the drain pump will run until flowmeter keep motionless for 2 minutes (if the model with the pressure switch (83/63),drain pump would run till the pressure switch reset and continue draining for 60 seconds.) and all the other components will be stopped immediately. At the same time, the buzzer will alarm for 30 seconds and error 6 will be shown.

E7 Short-circuit failure of thermistor

In test program, once short-circuit failure of thermistor is detected by controller, the E7 would occur. When E7 occurs, the drain pump will run until flowmeter keep motionless for 2 minutes (if the model with the pressure switch (83/63),drain pump would run till the pressure switch reset and continue draining for 60 seconds.) and all the other components will be stopped immediately. At the same time, the buzzer will alarm for 30 seconds and error 7 will be shown.

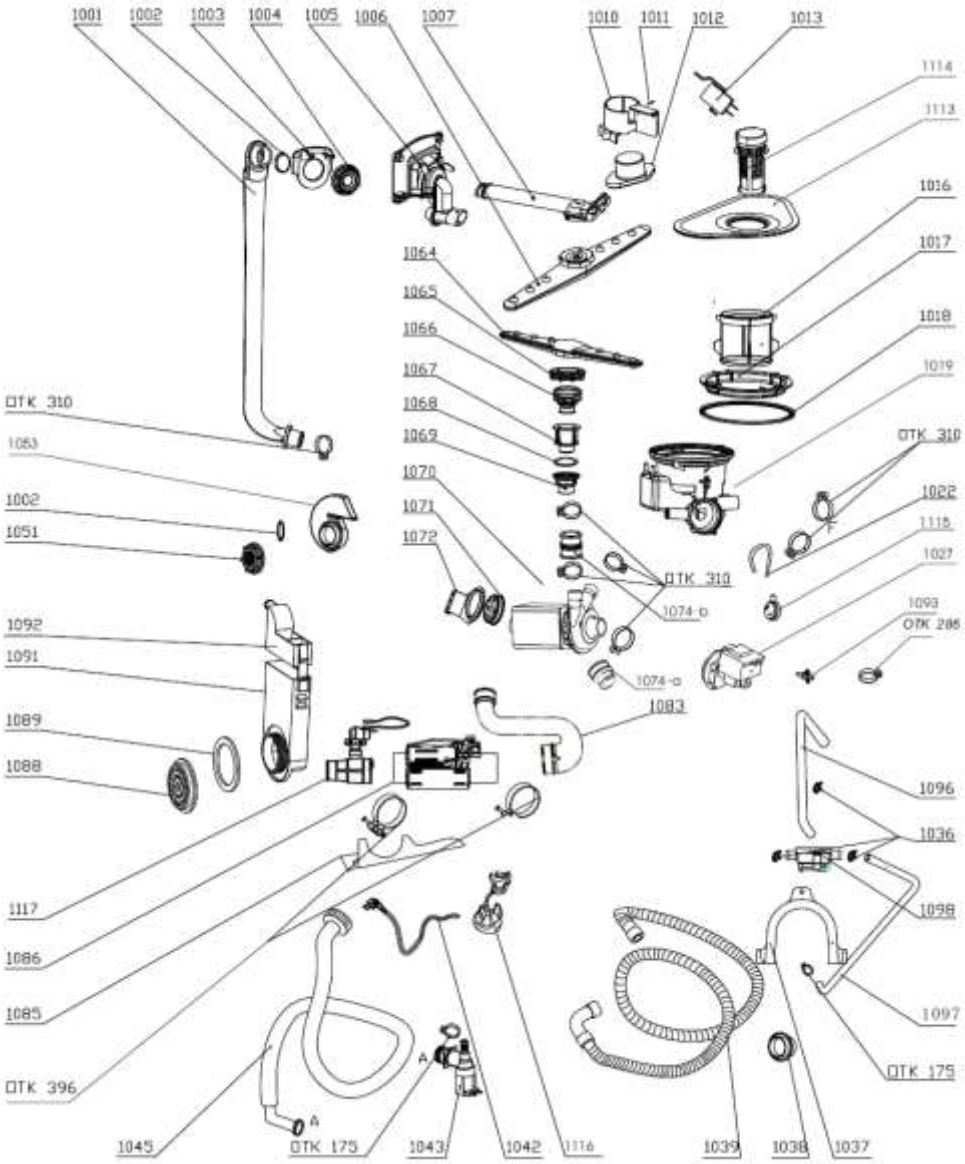
CLD60/CL45D/BKDW60/BKDW45 ERROR CODES

Attention

Priority level of E4 is the highest. E4 operation is valid after other error operations have done. When E4 operation has done, all the others are invalid.

In test program, E1, E3, E4, E6 and E7 are valid.

BKDW60 EXPLOADED VIEW DIAGRAM



ASC RANGEHOODS

What is ASC – Advanced sensor control: With the control set to automatic, the hood will turn on when it senses vapour or an increase in temperature. It will turn itself off as soon as these factors have been corrected.

Air Refresh control

If the display control board is set to Air Refresh, the unit will work every 5 to 10 minutes for a few seconds to circulate the air. Some customers have advised that the LCD display flashes at night (only visible at night). Please advise customers that this is normal otherwise to switch off the air refresh mode.

Rangehoods not extracting properly:

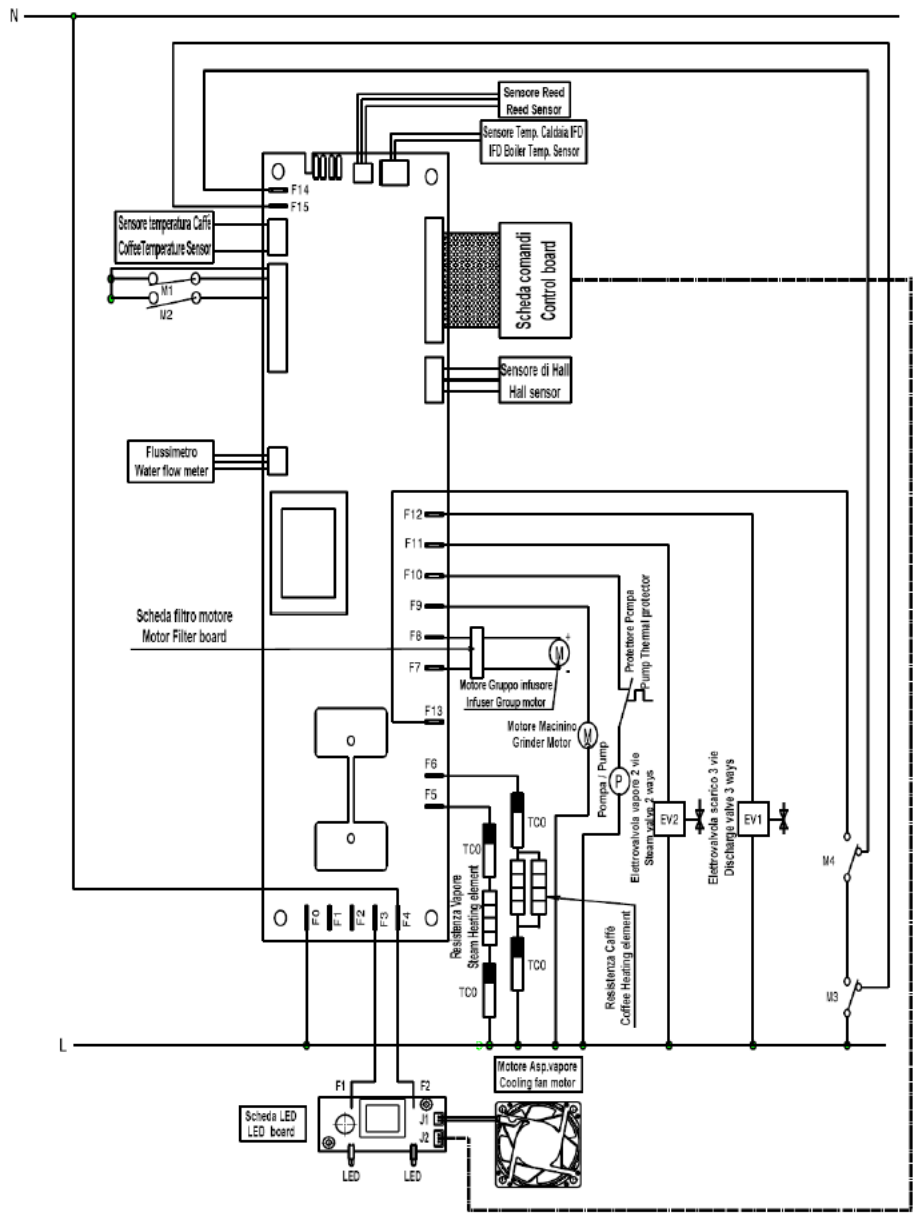
1. Need to ensure the correct ducting has been used. In some cases during installation the outlet size was reduced ie from 150mm to 100mm. Applico recommends semi rigid aluminium ducting. Ducting available RHT125/RHT150, RHS125/RHS150, RHW125. RHW150 & RHW200 (CK2000 model only)
2. Check to ensure there is only one 90° bend, more than 1 bend reduces the effectiveness of the airflow.

COFFEE MACHINES

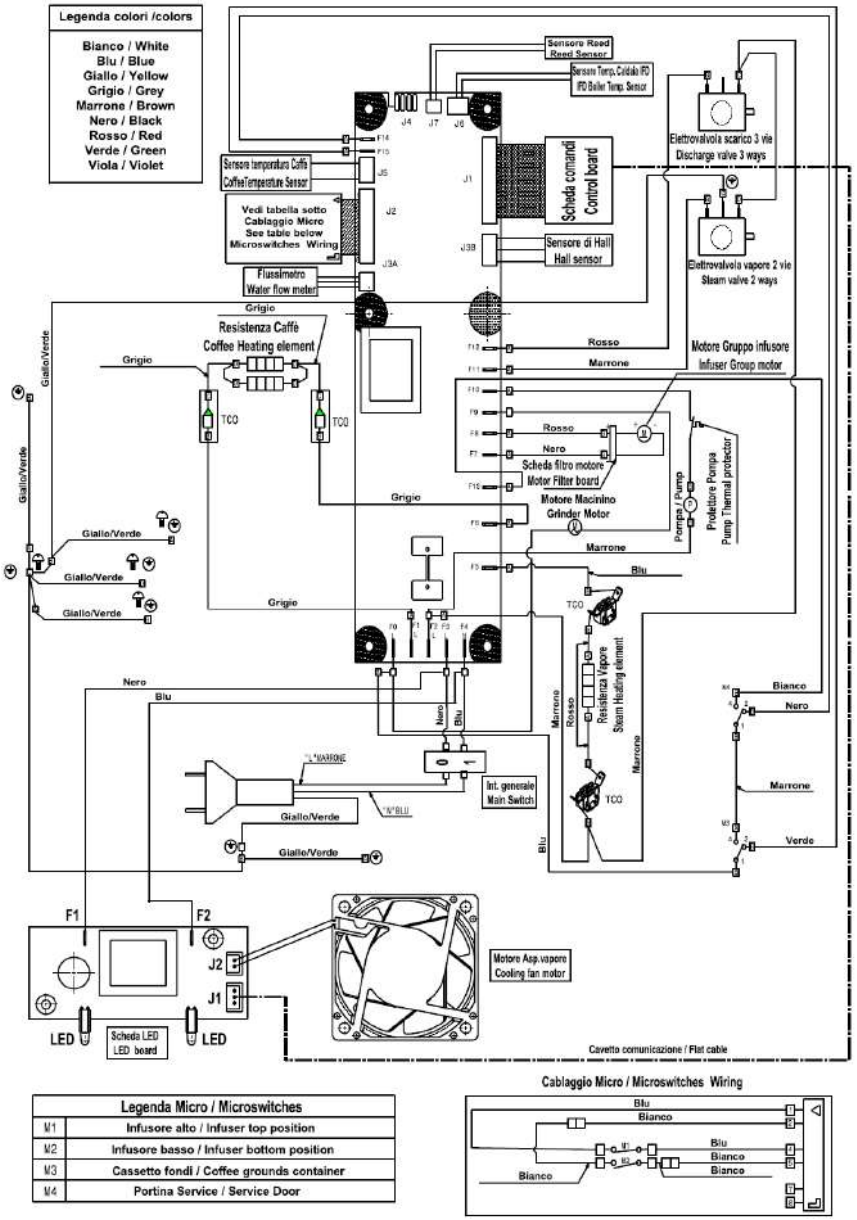
CMSC45 LINEA SERIES

CMS45X CLASSIC SERIES

WIRING DIAGRAM



CONNECTION DIAGRAM



Legenda Micro / Microswitches	
M1	Infusore alto / Infuser top position
M2	Infusore basso / Infuser bottom position
M3	Cassetto fondi / Coffee grounds container
M4	Portina Service / Service Door

REMINDERS:

Regulators – Regulators will be supplied FOC when requested by the customer.

Gas & Electrical – Applico is working on new SDOC forms (Supplier Declaration of Conformity forms) which will list approval numbers etc for each model. This is still a work in progress so if the information is not available on the website please contact the Applico customer services team.

For further information on all models don't forget to visit www.applico.co.nz log onto find:

- Service manuals
- Wiring diagrams
- Exploded parts list
- Error codes
- Cycle timers for dishwashers

If you cannot locate the information you require please contact the customer services team

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